

2023 CONSERVATION INVESTMENTS  
40TH ANNIVERSARY EDITION



# NFWF



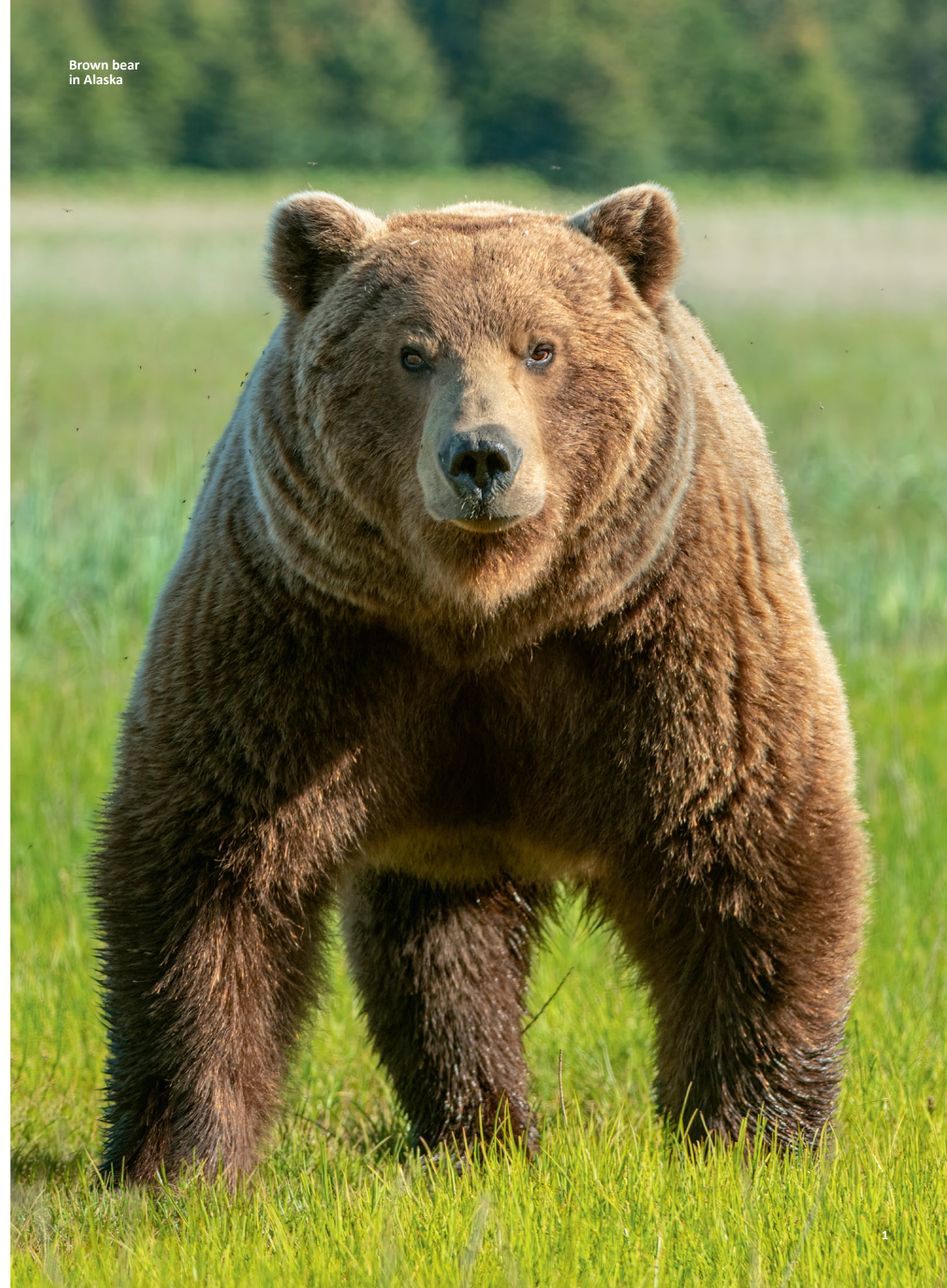


The National Fish and Wildlife Foundation is dedicated to sustaining, restoring and enhancing the nation's fish, wildlife, plants and habitats for current and future generations.

NFWF will advance its mission through innovative public and private partnerships, and by investing financial resources and intellectual capital into science-based programs designed to address conservation priorities and achieve measurable outcomes.

In fiscal year 2023, NFWF invested \$1.3 billion to support 797 projects across the nation. These investments leveraged \$410 million in matching support from grantees to generate a total conservation impact of \$1.7 billion.

Brown bear  
in Alaska





# CONTENTS

## United States and U.S. Territories

### Fiscal Year 2023 Conservation Investments

Alabama	5	Montana	45
Alaska	6	Nebraska	47
Arizona	8	Nevada	48
Arkansas	9	New Hampshire	49
California	10	New Jersey	50
Colorado	14	New Mexico	52
Connecticut	15	New York	54
Delaware	17	North Carolina	57
District of Columbia	19	North Dakota	59
Florida	19	Ohio	60
Georgia	21	Oklahoma	62
Hawai'i	23	Oregon	62
Idaho	25	Pennsylvania	64
Illinois	25	Rhode Island	68
Indiana	28	South Carolina	68
Iowa	29	South Dakota	70
Kansas	30	Tennessee	71
Kentucky	31	Texas	72
Louisiana	32	Utah	74
Maine	34	Vermont	75
Maryland	35	Virginia	75
Massachusetts	37	Washington	78
Michigan	38	West Virginia	79
Minnesota	41	Wisconsin	80
Mississippi	42	Wyoming	81
Missouri	44	U.S. Territories	82

United States and International	
Fiscal Year 2023 Conservation Investments	84

Gulf Environmental Benefit Fund	
Fiscal Year 2023 Project Commitments	88

Impact-Directed Environmental Accounts	
Fiscal Year 2023 Project Commitments	92

Scott's oriole  
in Arizona





UNITED STATES AND U.S. TERRITORIES

FISCAL YEAR 2023 CONSERVATION INVESTMENTS

ALABAMA

**Alabama Forestry Foundation**  
**Engaging Private Landowners to Restore and Improve Forest and Aquatic Habitats (AL)**  
Engage family forest owners in a 29-county area of north Alabama to restore and improve shortleaf pine and white oak forests and protect and improve instream habitat for at-risk aquatic species. Project will engage 600 landowners to improve management of more than 7,750 acres of upland and riparian forest and restore habitat connectivity to 15 miles of stream by retrofitting culverts or removing other stream barriers.  
*\$420,000*

**Alabama Forestry Foundation**  
**Restoring Longleaf Pine Habitat for At-Risk Species on Public and Private Lands (AL)**  
Engage family forest owners and assist public land managers in Alabama to restore and enhance longleaf forests and improve habitat for at-risk species. Project will support longleaf restoration on national forests and Alabama Department of Conservation and Natural Resources lands and target 8,000 landowners through marketing efforts to restore or enhance more than 20,000 acres of longleaf and improve habitat for gopher tortoises and other fire-dependent, at-risk species found in longleaf forests.  
*\$2,000,000*

**Alabama Wildlife Federation**  
**Restoring and Enhancing Longleaf Pine and Native Grasslands in Alabama**  
Provide technical assistance, outreach and educational information to landowners, natural resource professionals and contractors to establish or enhance longleaf pine and native grassland habitat throughout Alabama. Project will increase awareness of the ecological value of native grasslands and promote collaboration among project partners to restore and enhance 1,500 acres of habitat for grassland-dependent wildlife, including northern bobwhite, Bachman’s sparrow and loggerhead shrike.  
*\$199,000*

**American Bird Conservancy**  
**Using Birds as Ambassadors to Engage Private Forest Owners and Improve Habitats (AL, GA, LA, MS, SC)**  
Advance longleaf ecosystem restoration and recovery of several at-risk and listed species in Alabama, Georgia, Louisiana, Mississippi and South Carolina. Project will restore and enhance more than 2,000 acres of longleaf pine habitat through longleaf plantings, prescribed burning and other management practices and accelerate species recovery by improving resiliency through captive rearing and reintroduction of the at-risk gopher frog and translocation of the federally endangered red-cockaded woodpecker to suitable habitat.  
*\$325,000*

**Auburn University**  
**Assessment and Prioritization of Barriers to Connectivity in Uchee Creek Watershed (AL)**  
Conduct sediment risk index assessments for road-stream crossings in Alabama’s Uchee Watershed and survey biological assemblages to identify barriers to connectivity, prioritizing sites for remediation. Project will assess 500 barriers and provide a catalyst for conservation activity in this watershed to benefit aquatic species of greatest conservation need and to build relationships with the community through land stewardship education.  
*\$160,000*

**Austin Peay State University**  
**Assessment and Planning for Cumberland Plateau Grasslands (AL, GA, KY, TN)**  
Develop a science-based status assessment and comprehensive conservation plan for the grasslands, savannas and other open ecosystems of the Cumberland Plateau of Alabama, Georgia, Kentucky and Tennessee. Project will produce a set of prioritized representation targets, a final recommended reserve network design for Cumberland Plateau open ecosystems and a conservation vision that will focus ongoing restoration and protection work.  
*\$495,297*

**Bluefin Data**  
**Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)**  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
*\$339,525*

**City of Mobile**  
**Removing Derelict Vessels and Marine Debris to Restore Marine Habitats (AL)**  
Restore Mobile’s waterways by removing marine debris related to Hurricane Sally. Project will remove derelict vessels and dislocated docks and piers and work with local partners on public outreach on securing boats during storms and current laws to decrease vessel loss.  
*\$463,460*

**City of Orange Beach, Alabama**  
**Removing and Recycling Large-Scale Marine Debris Caused By Hurricane Sally (AL)**  
Remove 900,000 pounds of large-scale marine debris from the coastal habitats of Orange Beach, Alabama. Project will assess and monitor marine debris that resulted from Hurricane Sally, remove and recycle the debris, restore habitat and provide outreach focused on prevention and resilience.  
*\$367,955*

**Forest Landowners Association**  
**Engaging Private Forest Landowners to Restore Longleaf Pine (multiple states)**  
Restore and maintain longleaf pine habitat and promote the collaborative conservation of at-risk species on private lands across the historical longleaf pine range. Project will provide financial assistance to private landowners to establish and maintain longleaf pine habitat, support continued engagement with the U.S. Fish and Wildlife Service in the Southeast Region to advance at-risk species recovery and develop new online tools to engage landowners in collaborative conservation efforts.  
*\$1,685,000*

**Gulf Fisheries Research Foundation**  
**Developing Electronic Monitoring for Gulf of Mexico Charter Headboat Fleets (AL, FL, TX)**  
Test the use of remote electronic monitoring in the Gulf of Mexico multi-passenger charter headboat fishery to determine the cost-effectiveness of data collection and build an artificial intelligence image library for species identification. Project will explore the potential of artificial intelligence to minimize video review costs and contribute better information for science and management.  
*\$369,674*

**Manomet**  
**Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)**  
Coordinate implementation of strategies to improve survival and reproductive success of the American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
*\$135,000*

**Marine Environmental Sciences Consortium, Dauphin Island Sea Lab**  
**Comprehensive Shoreline Management Plans for Coastal Alabama (AL)**  
Create a comprehensive shoreline management plan that will serve as a tool to evaluate, plan and implement resilience management strategies. Project will provide guidance to waterfront property managers, local government agencies and natural resource managers on strategies to promote nature-based shoreline solutions.  
*\$575,000*



**Mississippi Department of Wildlife, Fisheries and Parks**  
**Enhancing Fire-Dependent Plant Communities in the East Gulf Coastal Plain Habitats (AL, LA, MS)**  
Improve resilience of 90,000 acres of fire-dependent habitats including piney woods, blackland prairie and loess bluffs ecosystems through restoration, habitat management, invasive plant species control, revegetation, cost-sharing, outreach and training. Project will restore ecosystem services and increase capacity in the East Gulf Coastal Plains while strengthening partnerships with stakeholders, private industry and the public.  
*\$4,330,059*

**North Carolina State University**  
**Increasing Prescribed Burning Capacity in the South (multiple states)**  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species including Bachman’s sparrow and northern bobwhite.  
*\$240,000*

**The Longleaf Alliance**  
**Advancing Longleaf Pine Restoration and Seedling Capacity (multiple states)**  
Coordinate longleaf pine restoration across the South and address limitations to longleaf seedling quality and quantity by establishing a longleaf pine tree improvement program focused on improving longleaf genetics, expanding seed collection capacity and supporting nursery seedling capacity expansion within the historical longleaf pine range. Project will produce 20 million longleaf pine seedlings and support the coordination of 18 longleaf implementation teams implementing longleaf restoration.  
*\$4,250,000*

**The Longleaf Alliance**  
**Fortifying and Expanding Longleaf Ecosystem Restoration in the Gulf Coastal Plain (AL, FL)**  
Restore and maintain up to 100,000 acres of longleaf pine habitat through longleaf plantings, groundcover restoration, prescribed fire, invasive species control and rare species recovery within northwest Florida and south Alabama. Project will relocate 1,200 gopher tortoises, support red-cockaded woodpecker population recovery by installing 200 artificial nest cavity inserts and releasing 150 captively reared reticulated flatwoods salamanders to restored wetland habitat.  
*\$603,925*

**The Nature Conservancy**  
**Assessment and Restoration in the Upper Locust Fork Subwatershed (AL)**  
Conduct environmental DNA and Bank Erosion Hazard Index analyses and implement streambank stabilization and riparian enhancement within the Upper Locust Fork subwatershed. Project will provide baseline data for species distribution, help prioritize restoration efforts and enhance aquatic habitat at a landowner demonstration site to benefit state and federally protected species, including the Black Warrior waterdog and flattened musk turtle.  
*\$250,000*

**The Nature Conservancy**  
**Enhancing Mountain Longleaf Pine (AL, GA)**  
Protect, create, maintain and improve montane longleaf pine stands throughout northwest Georgia and northeast Alabama. Project will improve fire capacity and increase efficiency of future restoration projects through heritage surveys.  
*\$550,000*

**The Nature Conservancy**  
**Expanding Longleaf Pine Seedling Availability to Increase Planting on Private Lands (AL, FL, GA, MS)**  
Partner with tree nurseries and consulting foresters to produce and plant 4 million longleaf pine seedlings on private lands in Alabama, Florida, Georgia and Mississippi. Project will engage 50 private landowners to plant seedlings on 6,600 acres and help bolster local tree nursery confidence to increase longleaf seedling production and help reduce future seedling shortages.  
*\$1,800,000*

**The Nature Conservancy**  
**Partnering to Restore the Longleaf Landscape Across the Chattahoochee Fall Line Region (AL, GA)**  
Accelerate the conservation and restoration of the longleaf pine ecosystem in west Georgia and east Alabama. Project will perform 20,000 acres of prescribed burning on public and private lands, plant 350 acres of longleaf pine, monitor the largest red-cockaded woodpecker population on private lands in Alabama and provide outreach programs targeting 600 private landowners, including the historically underserved, resulting in 2,000 acres under improved management.  
*\$400,000*

**Town of Dauphin Island**  
**Restoring Beach and Dune System at the East End of Dauphin Island (AL)**  
Restore 1.5 miles of shoreline and 88 acres of beach and dune habitat to benefit seabirds, shorebirds and sea turtles. Project will restore the growth of coastal dune systems by employing beach nourishment techniques to provide habitat and increase resiliency to coastal hazards.  
*\$5,000,000*

ALASKA

**Ai.Fish**  
**Developing Onboard Artificial Intelligence for Electronic Monitoring Data Management (AK, HI, IL)**  
Develop and pilot deployment of software for processing electronic monitoring video data that can operate in real-time onboard fishing vessels using low-power computing devices to improve automated catch accounting, streamline data collection and deliver value for fishermen. Project will evaluate the feasibility of onboard edge-based artificial intelligence and potentially encourage broader adoption of electronic monitoring.  
*\$295,397*

**Alaska Conservation Foundation**  
**Building Capacity of Alaska Native Tribes to Implement Nature-based Coastal Resilience Strategies**  
Identify coastal resilience challenges in remote communities and identify nature-based solutions through regional workshops. Project will result in a written synthesis of nature-based resilience strategies and projects that will benefit Native Villages in Alaska.  
*\$1,431,836*

**Alaska Department of Fish and Game**  
**Assessing Culverts for Fish Passage in the Matanuska-Susitna Basin (AK)**  
Assess over 200 culverts in the Matanuska-Susitna Basin in Alaska to identify culverts for replacement or removal with the goal of rectifying fish barriers to increase and improve habitat connectivity. Project will implement a survey-assessment protocol to prioritize culverts for improvement and provide survey data to the public for use by all stakeholders involved in culvert replacements in the Matanuska-Susitna basin.  
*\$89,270*

**Alaska Department of Fish and Game**  
**Protecting Salmon Habitat through Hydrologic Investigations in the West Susitna River Basin (AK)**  
Establish a network to provide continuous, multiyear hydraulic data to inform water resource management recommendations for important salmon-producing rivers in the Western Susitna River basin in Alaska. Project will collect and analyze hydrologic data needed to quantify water resource needs of fish and provide hydraulic recommendations to attain long-term conservation of fish populations and their habitats.  
*\$62,248*

**Alaska Groundfish Data Bank**  
**Testing Electronic Monitoring on Rockfish Trawl Catcher Vessels in the Central Gulf of Alaska**  
Evaluate electronic monitoring for its ability to improve data quality, consistency and reduce data collection costs in Alaska’s rockfish trawl fishery. Project will utilize existing onboard electronic monitoring systems to develop monitoring protocols in the fishery to verify salmon retention and to quantify halibut and groundfish discards for effective management.  
*\$80,581*

**Alaska Trollers Association**  
**Electronic Logbook Implementation for the Alaskan Troll Fishery**  
Reestablish a fisheries data collection and analysis program conducted by Alaska troll fishermen through a voluntary electronic logbook effort. Project will collect a wide range of physical and biological information on the southeastern Alaska marine ecosystem and provide managers and researchers real-time access to data from participating fishermen.  
*\$155,855*

**Alaska Wildlife Alliance**  
**Community Decision-Making and Innovation to Advance Nature-Based Resiliency in the Asqinaq (AK)**  
Engage community members through on-site workshops and listening sessions to identify potential nature-based solutions that will address flood vulnerabilities in the Asqinaq, or Hooper Bay region of Alaska. Project will employ Alaska native interns to facilitate information-sharing between Tribal partners and local academic institutions to develop a Climate Vulnerability Assessment.  
*\$250,000*

**Aleutians East Borough**  
**Improving Data Quality through Electronic Monitoring in the Western Gulf of Alaska**  
Develop tools to enhance electronic monitoring data review, test solutions for data transfer in remote fishing communities, automate salmon bycatch record keeping and explore the use of electronic monitoring in processing plants. Project will advance the adoption of electronic monitoring in Alaskan fisheries and demonstrate the potential of this technology to other fisheries.  
*\$474,690*

**Anchorage Park Foundation**  
**Restoring Ship Creek with Revegetation and Youth Engagement in Anchorage (AK)**  
Improve 370 feet of riparian habitat on Ship Creek, an anadromous stream in Anchorage, Alaska, through revegetation of stream banks with native trees and grasses. Project will plant 450 trees, restore 10 acres and reach 75 students, bringing together many community partners to engage young people in hands-on outdoor field study activities.  
*\$35,932*

**Arctic National Wildlife Refuge, U.S. Fish and Wildlife Service**  
**Evaluating Infrastructure Effects on Tundra-Nesting Birds and Prey (AK)**  
Perform remote monitoring of tundra-nesting birds and small mammals in Alaska’s North Slope to examine the effect of human infrastructure on populations. Project will use remote monitoring tools including nest bowl temperature loggers, micro time-lapse nest cameras and ground-facing infrared small mammal cameras to gather data on abundance, behavior and nest predators along transects perpendicular to roads.  
*\$32,157*

**Bristol Bay Native Corporation**  
**Advancing Wetlands Mapping for Improved Habitat Management in Bristol Bay (AK)**  
Map millions of acres of ecologically, economically and culturally important wetlands in Bristol Bay, Alaska to improve prioritization and management for sockeye salmon and salmon habitat. Project will help fill a critical data gap to inform the development and planning of restoration and conservation projects while providing jobs, training and learning opportunities for Tribal members and partners.  
*\$1,000,000*

**Chilkat Indian Village (Klukwan)**  
**Restoring Chinook Salmon Habitat (AK)**  
Restore Chinook salmon spawning habitat lost due to flooding and bank erosion in Klukwan. Project will protect important cultural buildings and sacred sites of the Jilkaat Kwaan, a federally recognized tribe that relies on the health of the river and its salmon.  
*\$669,570*

**City of Point Hope**  
**Integrating Traditional Knowledge into the Nature-Based Shoreline Final Design (AK)**  
Design and permit a dynamic revetment and reinforced dune system along the Chukchi Sea shoreline of Point Hope, Alaska. Project will integrate traditional ecological knowledge into the design in order to preserve polar bear and migratory bird species habitat, culturally important sites and the village’s subsistence lifestyle.  
*\$934,617*

**Igiugig Village Council**  
**Building Capacity for Indigenous Community-Led Environmental Monitoring in Southwest Alaska**  
Create sustainable community-led environmental monitoring capacity for six rural indigenous communities in the Lake Iliamna region to assist with climate resilience and adaptation planning efforts. Project will partner with Indigenous Sentinels Network to co-develop monitoring plans and tool kits tailored to each community that can also serve as models for implementation in other communities.  
*\$339,872*

**Manomet**  
**Assessing Red Knot Abundance and Diet in Pacific Flyway Stopover Site (AK)**  
Assess abundance and diet of red knots in Controller Bay, a critical spring stopover site in southcentral Alaska, to advance red knot conservation in the Pacific Flyway. Project will estimate abundance through field surveys and scans and determine prey composition through eDNA sampling to inform state and federal resource managers on critical habitat for red knot populations.  
*\$34,048*

**Mote Marine Laboratory**  
**Optimizing Fisheries Retention with Artificial Intelligence in the Gulf of Mexico (FL, TX)**  
Reduce red grouper discard rates in the Gulf of Mexico reef fish fishery by applying existing electronic monitoring protocols and new artificial intelligence algorithms to facilitate an optimized retention fishery. Project will validate a feasible compliance monitoring strategy that addresses industry needs to incentivize sustainable fishing.  
*\$475,089*

**Real Time Data North America**  
**Collecting Real Time Electronic Logbook Data in Halibut and Groundfish Fisheries (AK)**  
Collect real-time spatial and temporal fisheries data useful for catch accounting and stock assessment through a commercial fisheries electronic logbook pilot in Alaska halibut and sablefish fishery. Project will evaluate the ability of fishermen in Alaska to collect this data during their fishing operations and explore the potential for the data collection approach to scale up in the future.  
*\$137,448*

**Southeast Alaska Watershed Coalition**  
**Determining Effects of Changing Temperatures on Salmon Productivity in Southeast Alaska**  
Assess the impacts of climate change on Pacific salmon productivity in watersheds across southeast Alaska. Project will produce a region-wide assessment of streamflow and water temperature data in monitored streams to develop an online user interface of the impacts of climate change on salmon life cycles to inform conservation approaches.  
*\$59,262*

**Southeast Alaska Watershed Coalition**  
**Restoring Salmon Watersheds on Tribal Homelands and Tongass National Forest (AK)**  
Engage Tribal and community work crews in stream restoration, riparian forest thinning and watershed assessment in salmon watersheds on homelands of the indigenous Tsimshian, Haida and Tlingit people. Project will restore hydrology, wetlands and aquatic connectivity on the Tongass National Forest, Native Corporation lands and other non-federal lands and will build local capacity to manage culturally and ecologically important local salmon watersheds.  
*\$630,690*



**The Great Land Trust**  
Protecting Key Bird Habitat by Expanding the Settlers Bay Coastal Park (AK)  
Acquire, permanently protect and make public 187 acres of key bird habitat including wetlands, uplands and over a mile of a stream habitat adjacent to the existing Settlers Bay Coastal Park in the Matanuska-Susitna Borough in Alaska. Project will add the land to the Settlers Bay Coastal Park, connecting the park to hundreds of thousands of acres of other protected lands. *\$150,000*

**Trout Unlimited**  
**Advancing Plans to Address Climate Change and Improve Salmon Habitat (AK)**  
Evaluate and prioritize projects into a comprehensive coastal resilience protection plan for Seward, Alaska, to restore floodplain function, fix degraded salmon habitat and alleviate threats from flooding and erosion. Project will prioritize and advance a comprehensive project list identified through community-driven planning efforts. *\$729,097*

**Tyonek Tribal Conservation District**  
**Building Capacity for Coastal Resilience (AK)**  
Create a coastal resilience plan for the Village of Tyonek by gathering available climate data, building relationships and creating culturally relevant processes and developing prioritization tools for identifying nature-based solutions. Project will take a watershed-scale planning approach to conservation of habitats critical to Tyonek’s subsistence species and community resilience. *\$626,210*

**United Catcher Boats**  
**Implementing Electronic Monitoring for Alaska’s Trawl Pollock Fishery**  
Evaluate the cost efficiency and operation of electronic monitoring systems on Bering Sea and Gulf of Alaska pelagic pollock trawl catcher vessels to monitor compliance with retention regulations. Project will expand on past efforts to seek improved data quality, timeliness and cost efficiency for salmon bycatch accounting and groundfish discards. *\$585,584*

**University of Alaska Anchorage**  
**Supporting Alaska Native Science & Engineering Program Students in Advancing Conservation (AK) - III**  
Support seven Alaska Native Science and Engineering Program (ANSEP) student internships with agencies and local organizations relating to salmon management projects across Alaska. Project will strengthen the existing pathway for Alaska Native young people to engage in on-the-ground conservation activities that provide data for information gaps dedicated to supporting salmon that Alaska Natives depend on for sustaining a subsistence lifestyle. *\$87,730*

**U.S. Fish and Wildlife Service**  
**Supporting Alaska Native Science and Engineering Program Students in Fishery Management (AK)**  
Provide stipends for three Alaska Native Science and Engineering Student internships with federal and state fishery biologists to work on Pacific salmon monitoring projects on the Yukon, Kuskokwim and Unalakleet Rivers in Alaska. Project will engage students on in-season management of fisheries, collect salmon research data used to make fishery management and regulatory decisions, work alongside local subsistence users and attend stakeholder meetings associated with management decisions. *\$30,000*

**U.S. Fish and Wildlife Service,**  
**Fairbanks Fish and Wildlife Field Office**  
**Surveying Winter Distribution and Abundance of Spectacled Eiders in the Bearing Sea (AK)**  
Conduct an aerial survey of spectacled eiders on the northern Bering Sea wintering area to understand how changing sea ice conditions in the Bering Sea are affecting eider populations. Project will provide critical information on the size and distribution of wintering flocks, wintering habitat use and the status and trend of the global population of spectacled eiders to inform management decisions for this threatened species. *\$120,000*

**U.S. Geological Survey,**  
**Alaska Science Center**  
**Assessing Forage Conditions for Porcupine Caribou Herd in the Arctic National Wildlife Refuge (AK)**  
Collect field data on forage conditions in the Arctic National Wildlife Refuge in Alaska to understand how changing climate conditions in summer forage areas and insect harassment are shaping the distribution, behavior and dynamics of the Porcupine Caribou Herd. Project will sample forage conditions during the summers of 2023-2024 and leverage existing monitoring data to forecast future forage conditions, enable more accurate predictions and determine forage influence on caribou movements. *\$83,473*

**Village of Kotlik**  
**Restoration and Protection of Coastal Wetlands in Village of Kotlik (AK)**  
Restore coastal wetlands in the Yukon-Kuskokwim Delta to protect the rearing habitat of 44 species of fish and 60 species of bird. Project will avert contamination of the Kotlik River and Little Kotlik Rivers, prevent structures from eroding into the river and protect the Village of Kotliks Yupik Alaska Native population’s right to cultural practices and subsistence lifestyles. *\$3,956,250*

**Yukon Delta Fisheries Development Association**  
**Determining Thermal Impacts to Salmon in the Yukon River through Education and Stewardship (AK)**  
Engage students in monitoring and collection of stream temperature and discharge data to determine impacts of the Yukon River thermal landscape in Alaska on juvenile Chinook salmon during freshwater residency. Project will fill information gaps on the thermal characteristics of freshwater Pacific salmon habitat and investigate water temperature impact on Pacific salmon productivity and the potential redistribution of Pacific salmon in a changing climate. *\$53,268*

ARIZONA

**Amphibian and Reptile Conservancy**  
**Community-Based Invasive Species Management for Imperiled Herpetofauna (AZ, FL, NM, SC)**  
Restore reptile and amphibian habitat through innovative and effective techniques to eradicate invasive species including noxious weeds, invasive bullfrogs, crayfish and fire ants in the Coconino, Tonto, Coronado, Gila, Cibola, Francis Marion and Apalachicola national forests. Project will restore wetland and riparian habitat, establish local community crews, form an Invasive Species Council and develop educational resources for community engagement. *\$883,455*

**Arizona Game and Fish Department**  
**Improving Browse and Forage Quality to Enhance Mule Deer Winter Range on the Kaibab Plateau (AZ)**  
Enhance winter range for the Kaibab Plateau Herd in northern Arizona by reducing the invasive woody vegetation encroachment and stimulating browse growth. Project will manually and mechanically remove invasive conifers to restore 1,100 acres of mule deer winter range. *\$300,000*

**Arizona Game and Fish Department**  
**Removing Woody Invasives for Big Game Migration and Grasslands Restoration (AZ)**  
Restore historic Arizona grasslands to facilitate pronghorn genetic transfer, understory regeneration, erosion reduction and prescribed fire regimes. Project will restore 4,000 acres of public grasslands via mastication of woody invasive plants. *\$500,000*

**Borderlands Restoration Network**  
**Enhancing Climate and Watershed Adaptation Strategies in Fort Huachuca Sentinel Landscape (AZ)**  
Restore hydrologic and ecologic function to at least 700 acres by repairing degraded waterways through erosion control and revegetation, performing fuel reduction on 76 acres surrounding rural communities, eradicating invasive species from 28,000 acres of critical riparian habitat and engaging landowners and local youths throughout all activities. Project will enhance climate resilience and watershed adaption strategies of the lands and waters of the Fort Huachuca Sentinel Landscape. *\$976,991*

**Friends of Verde River Greenway**  
**Monitoring Water Quality in the Verde River Watershed (AZ)**  
Engage volunteers, build stewardship in the community and train community scientists to monitor water quality to identify sites in need of restoration in an expanded area of the Verde Watershed near Cottonwood, Arizona. Project will begin the implementation of the Verde River Watershed Water Quality Monitoring Plan, restore and implement Best Management Practices on 15 acres and engage 60 volunteers. *\$49,930*

**National Forest Foundation**  
**Rio Grande Cutthroat and Gila Trout Habitat Restoration in Rito Peñas Negras and Chase Creek (AZ, NM)**  
Install and maintain instream structures, including beaver dam analogs and construct cattle and elk exclosures in the Rito Peñas Negras for Rio Grande cutthroat trout and chub. Project will develop a comprehensive plan to manage invasive species and improve stream function to expand habitat for Gila trout in Chase Creek. Project also will reduce channel erosion, improve aquatic habitat conditions including re-wetting of wetlands as well as promote vegetation establishment and improve streambank stabilization. *\$225,041*

**Tucson Audubon Society**  
**Improving Urban Bird Habitat in Santa Cruz through Community Stewardship (AZ)**  
Provide community and youth engagement opportunities along the rejuvenated Santa Cruz River to create safe passage and habitat for birds in Tucson. Project will build and distribute Lucy’s warbler nest boxes and install window decals to prevent bird collisions at homes and businesses near the river, host volunteer events, monitor 200 sites, remove 2,000 pounds of litter and impact 2,170 acres. *\$31,800*

**U.S. Fish and Wildlife Service, Arizona Fisheries Resources Office**  
**Establishing Riparian Area for Apache Trout in Flash Creek (AZ)**  
Improve 8.2 acres of riparian area along Flash Creek, an Apache trout recovery stream, by protecting the area with livestock exclusion fencing, planting native riparian vegetation and increasing groundwater levels through additional instream habitat restoration. Project will help to maintain flows in an area where intermittent stream flows preclude suitable perennial habitat for Apache trout. *\$100,000*

**World Wildlife Fund**  
**Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)**  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains and assess the composition of existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands. Project study will be used to inform future grasslands management. *\$163,135*

ARKANSAS

**Ducks Unlimited**  
**Forested Wetland Restoration and Enhancement (AR, LA, MS)**  
Restore bottomland hardwood forest through plantings and improve existing forest habitat through forest treatments on private lands and enhance wetland hydrologic function on public and private land in the Mississippi Alluvial Valley in Arkansas, Louisiana and Mississippi. Project will impact a total of 1,900 acres of forest and wetland habitat benefiting waterfowl and neotropical migratory birds. *\$249,303*

**Lower Mississippi River Conservation Committee**  
**Improving Aquatic Habitat Connectivity in the Lower Mississippi River (AR, LA, MS, TN)**  
Restore 300 acres and 1.5 miles of secondary channel habitat, install woody debris traps in previously connected secondary channels to increase biological diversity and ecosystem function, providing structure diversity for healthy river indicator aquatic insects. Project will focus on biotic monitoring of gar species abundance at three study sites. *\$200,000*

**Mississippi River Trust**  
**Forested Wetlands Enhancement on Private Lands in the Lower Mississippi Alluvial Valley (AR, LA, MS)**  
Enhance forest health and wildlife habitat on lands enrolled in the USDA’s Agricultural Conservation Easement Program-Wetlands Reserve Easement Program in the Lower Mississippi Alluvial Valley of Arkansas, Louisiana and Mississippi. Project will protect 700 acres through voluntary easements, improve management on and restore 1,000 acres and provide outreach and education for landowners for the management of forests, benefiting waterfowl, forest birds and the Louisiana black bear. *\$363,000*

**National Wild Turkey Federation**  
**Arkansas Wetland Reserve Easement Bottomland Hardwood Conservation Partnership**  
Plan and implement voluntary conservation activities on USDA Agricultural Conservation Easement – Wetland Reserve Easements to improve wildlife habitat and timber quality within the Mississippi Alluvial Valley of Arkansas. Project will establish 6,000 acres of new bottomland hardwood forests, improve hydrology on 10,000 acres of wetlands and improve 3,000 acres of existing hardwood forest with wildlife-friendly forest treatments, benefiting forest birds, swamp rabbit and waterfowl. *\$150,000*

**North Carolina State University**  
**Increasing Prescribed Burning Capacity in the South (multiple states)**  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species including Bachman’s sparrow and northern bobwhite. *\$240,000*

**The KKAC Organization**  
**Engaging Underserved Landowners in Forest Restoration in the Mississippi Alluvial Valley (AR, LA, MS)**  
Provide outreach and technical assistance to historically underserved landowners in the Mississippi Alluvial Valley to voluntarily restore or enhance 250 acres of forest habitat, with a focus on increasing enrollment in the USDA’s Wetland Reserve Easement program, benefiting swamp rabbit and forest birds. Project will engage at least 30 landowners through workshops and other outreach efforts and will provide opportunities for young people to engage in conservation. *\$250,000*



**United Keetoowah Band of Cherokee in Oklahoma**  
**River Cane Ecosystem Conservation and Connection to Keetoowah Traditional Practices (AR, OK)**  
Identify, map, restore and manage endangered river cane ecosystems within the historic homelands of the United Keetoowah Band through the Keetoowah River Cane Conservation Program. Project will provide new opportunities for Tribal members to access outdoor recreation sites, gather river cane for cultural uses and participate in educational activities of culturally significant uses and interactions with river cane unique to Keetoowah traditions.  
*\$1,907,136*

CALIFORNIA

**American Bird Conservancy**  
**Riparian Habitat Restoration for At-Risk Bird Species on Working Lands in Southern California**  
Improve watershed health and riparian habitat to support the recovery of imperiled birds including the southwestern willow flycatcher as part of the Working Lands for Wildlife initiative. Project will restore riparian habitat, remove invasive plant species and improve watershed health through regenerative grazing and habitat management on private lands.  
*\$265,000*

**American Bird Conservancy**  
**Winged Restoration: Improving Pollinator Habitat for Monarchs and Smith’s Blue Butterfly (CA)**  
Collect milkweed seed on U.S. Department of Defense lands, restore and improve pollinator habitat and conduct monitoring to benefit monarchs and Smith’s blue butterfly on public lands and private working lands in San Luis Obispo and Monterey counties, California. Project will restore 300 acres, improve 50 acres, propagate 60,000 milkweed seedlings and reach 1,000 people.  
*\$172,277*

**American Forests**  
**Expanding Reforestation in the King Fire Scar on Eldorado National Forest (CA)**  
Reforest 500 acres of mixed conifer forests within the King Fire burn scar on the Eldorado National Forest. Project will support ongoing critical reforestation efforts using climate-smart reforestation strategies while expanding research and knowledge gaps by supporting the implementation of survey spots that will test for different implementation methods.  
*\$219,480*

**American Rivers**  
**Building Capacity for Coastal Resilience and Climate Adaptation in Sacramento (CA)**  
Advance resilience planning efforts that will build local capacity, identify opportunities for restoring and enhancing riparian habitat, assess climate resiliency needs, and create public financing to sustain future urban creek restoration. Project will develop climate resilience plans that will benefit disadvantaged communities, enhance habitats for wildlife species and improve cooperation between local organizations and stakeholders.  
*\$406,876*

**American Rivers**  
**Restoring Grouse Meadow in the West Walker River Watershed (CA)**  
Complete restoration planning and implementation in the high-priority site at Grouse Meadow in the West Walker River watershed. Project will protect and enhance the hydrologic function and ecologic complexity of 40 acres of mountain meadow and reduce sedimentation into the West Walker River to provide water quality and aquatic habitat benefits for native species.  
*\$159,967*

**Banning Ranch Conservancy**  
**Coastal Resilience Planning (CA)**  
Develop a Resource Management Plan and Coastal Resilience Strategy for Banning Ranch, a 387-acre property consisting of wetlands and coastal bluff in Orange County. Project will conduct robust community and stakeholder engagement, collect data and survey the site to identify potential nature-based recommendations to be implemented.  
*\$500,000*

**California Deer Association**  
**Implementing Prescribed Fire for Fuels Management in the Inyo National Forest (CA)**  
Perform prescribed burning on 500 acres of the Casa Diablo area on the Inyo National Forest to restore the Jeffrey pine ecosystem and promote understory diversity. Project will improve forest health and resilience, benefit wildlife habitat and reduce wildfire risks to neighboring wildland-urban interface communities in Mono County.  
*\$153,248*

**California Department of Water Resources**  
**Floodplain and Tidal Wetland Restoration Design in the Yolo Bypass of the Sacramento River (CA)**  
Develop designs and engage stakeholders for the restoration of historic floodplains and tidal marsh in the Yolo Bypass of the Sacramento River in California. Project will advance plans for a new sustainable floodway management regime using infrastructure and operations that mimic historic conditions of the area and benefit native salmonoids while supporting multiple existing land uses.  
*\$1,500,000*

**California State Coastal Conservancy**  
**Advancing Living Shoreline Planning in San Francisco Bay (CA)**  
Design 10 living shoreline projects in San Francisco Bay to reduce impacts of flooding and storm surge in highly urbanized areas. Project will engage with local, private and state landowners to identify nature-based restoration strategies and permitting pathways for implementation.  
*\$1,000,000*

**California State Coastal Conservancy**  
**Rancho Cañada Floodplain Restoration (CA)**  
Reconnect and restore approximately 40 acres of urban riparian floodplain habitat and 5,164 linear feet of the Carmel River. Project will enhance regional resilience to environmental stressors like flooding, drought and wildfire while also restoring critical spawning and rearing habitat for the federally endangered South-Central California coast steelhead.  
*\$10,000,000*

**California Trout**  
**Hole-in-the-Ground Ranch Water Quality and Flow Enhancement Project (CA)**  
Replace an earthen Gravity Ditch with a pipeline to increase water delivery efficiency on a working cattle ranch. Project will upgrade water delivery infrastructure, including installation of a new diversion intake structure with a fish screen, to provide water quality and flow enhancement benefits for up to 15 miles downstream on the Shasta River, a critical stretch of habitat for all life stages of coho salmon.  
*\$880,164*

**City of Alameda**  
**Adaptation Planning for the San Leandro Operation Landscape Unit (CA)**  
Create a coordinated action plan to advance sea-level rise adaptation in the San Leandro Operation Landscape Unit. Project will bring together a coalition of shoreline communities, agencies and stakeholders to conduct a vulnerability assessment and identify strategies to mitigate flood impact and enhance habitat.  
*\$540,000*

**Coastal Quest**  
**Community-Driven Planning to Advance Equitable Nature Based Resilience Solutions (CA)**  
Support community based organizations to co-design two resilience projects in partnership with local jurisdictions in the Bay Area. Project will pilot partnership models and community-driven planning processes that result in implementable nature-based resilience projects consistent with the regional adaptation framework.  
*\$629,713*

**Conservation Biology Institute**  
**Assessing Fisher Habitat Conservation Data in Sierra National Forest to Improve Fuels Management (CA)**  
Leverage existing data sources to improve managers’ understanding of how to best balance fuel reduction with fisher habitat conservation on forested lands in the Sierra Nevada and Southern Cascade regions. Project will create a comprehensive review of available information on fisher response to vegetation management, analyze monitoring and management activity data and distribute results to land managers throughout California.  
*\$116,257*

**Cornell University**  
**Monitoring Restoration Efficacy for Endangered Species in Angeles National Forest (CA)**  
Develop and implement a repeatable, scalable survey protocol for avian diversity within the Copper and Sayre fire areas in the Angeles National Forest using a combination of passive acoustic surveys and machine learning-based species identification. Project will monitor the effects of both fires and post-fire restoration on avian diversity and produce a template for long-term, regionwide acoustic monitoring program capable of providing high statistical power to detect population changes resulting from fire, restoration and other environmental changes.  
*\$303,170*

**County of Mendocino**  
**Building Capacity to Support Mendocino County’s Sea-level Rise Resilience Strategy (CA)**  
Conduct a multi-jurisdictional planning process to assess and plan for impacts of sea-level rise in coastal Mendocino County. Project will develop a County Sea-Level Rise Resilience Strategy to summarize existing flooding issues and impacts from sea-level rise and establish a prioritized list of nature-based solution projects that will improve coastal community resilience once implemented.  
*\$100,000*

**Earth Team**  
**Restoring Monarch Butterfly Habitats in the San Francisco East Bay Area (CA)**  
Conduct monarch habitat restoration and community outreach activities in the several watersheds across the East San Francisco Bay Area. Project will build capacity at four public high schools, employ 56 young people in paid yearlong environmental internships, improve management, engage 100 volunteers and restore 25 acres of land and wetlands.  
*\$37,624*

**Friends of the Dunes**  
**Building Resiliency and Restoring Critical Habitat in a Northern California Dune System**  
Restore 18 acres of dunes along 1.3 miles of shoreline on the North Spit of Humboldt Bay in California to reduce exposure to extreme storms and facilitate long-term barrier migration in response to sea-level rise. Project will eradicate invasive species and revegetate with native species and restore soil health to increase biodiversity and resilience.  
*\$1,999,621*

**Greater Farallones Association**  
**Restoring Kelp Forest to Enhance Coastal Resilience and Increase Carbon Sequestration (CA)**  
Restore kelp forest habitat in the Greater Farallones National Marine Sanctuary to evaluate kelp forest influence on coastal resilience and quantify carbon sequestration potential. Project will conduct oceanographic and hydrodynamics study to investigate the climate mitigation potential of restored kelp forests.  
*\$1,499,947*

**Marin County Parks**  
**Restoring Riparian and Tidal Wetlands at Bolinas Lagoon (CA)**  
Raise the main road to Bolinas out of current and future flood zones and restore Lewis Gulch Creek to its former alluvial fan and floodplain. Project will ensure a safe transportation route for the community, enhance wetland resiliency, restore ecosystem processes and improve habitat for salmonids.  
*\$3,675,600*

**Mid Klamath Watershed Council**  
**Western Klamath Community Stewardship to Benefit At-Risk Species and Native Plant Diversity (CA)**  
Remove invasive plants in forested and riparian areas and enhance salmonid habitat within the Klamath and Six Rivers national forests while engaging local community volunteers and youth in project implementation, photo monitoring and data collection. Project will result in the implementation of Western Klamath Restoration Partnership priorities and involve community members in removing invasive plants, improving watershed health and restoring native plant diversity.  
*\$250,000*

**Mid Klamath Watershed Council**  
**Red Cap Creek Off Channel Habitat Design Project (CA)**  
Design restoration plans for two high-priority Southern Oregon/Northern California Coast coho salmon habitat sites on Red Cap Creek, tributary to the Klamath River. Project will utilize off channel rearing ponds and woody debris placement to enhance connectivity and create new sheltered spawning habitat.  
*\$225,758*

**Mojave Desert Land Trust**  
**Outreach and Land Acquisition to Benefit Tortoise Habitat (CA)**  
Conduct outreach to landowners and pilot acquisition of private inholdings in the West Mojave. Project will establish and expand defensible polygons for Mojave desert tortoise restoration efforts, support landscape-scale connectivity and prevent future development or land use impacts that threaten tortoise habitat.  
*\$585,091*

**Monarch Joint Venture**  
**Expanding the California Working Lands Free Seed Program for Monarchs and Pollinators (CA, OR)**  
Expand the California Working Lands Free Seed Program to include Oregon and provide technical assistance, seed mixes and milkweed seedlings to public lands, private working lands and private non-working lands including businesses, corporate campuses, school campuses, community sites and solar energy sites in California and Oregon. Project will improve 500 acres, restore 200 acres, host 15 events, sustain 2 jobs and reach 550 people.  
*\$207,737*

**Montague Water Conservation District**  
**Shasta River Stream Flow Enhancement Through Canal Lining Implementation - V (CA)**  
Line 5,700 feet of the district’s Main Canal with shotcrete to improve stream flow efficiency and prevent transmission loss. Project will utilize improved irrigation technology to reduce water loss and permanently provide 718 acre-feet annually for instream benefit to coho salmon.  
*\$1,229,145*

**Montague Water Conservation District**  
**Upper Parks Creek River Flow Enhancement (CA)**  
Enhance stream flow conditions for threatened Southern Oregon/Northern California Coast coho salmon in Parks Creek, tributary to the Shasta River, to improve spawning and passage, juvenile redistribution and out-migration. Project will finalize design for and implement improvements to existing water diversion infrastructure to provide year-round fish passage via an estimated average of 1,200 additional acre feet of instream flow per year.  
*\$1,521,469*

**Northwest California Resource Conservation & Development Council**  
**Dam Removal and Intake Relocation - II (CA)**  
Remove a complete barrier to aquatic species including the threatened Southern Oregon/ Northern California Coast coho salmon and restore fish passage to approximately 2.5 miles of cold-water habitat. Project will enable upstream fish migration for all life stages of all fish species in East Weaver Creek, tributary to the Trinity River.  
*\$120,632*



**Northwest California Resource Conservation and Development Council**  
**Deadwood Creek Sediment Reduction (CA)**  
Prevent sediment delivery to Deadwood Creek, a major tributary to the Trinity River, to improve anadromous salmonid habitat. Project will remove legacy mine tailings from Mill Gulch, decommission Thorne Gulch Road, install and enhance 12 rolling or critical dips, remove abandoned vehicles and debris from stream channels and floodplains, install a gate to prevent further damage and build stream enhancement features.  
*\$98,948*

**Oregon State University**  
**Monitoring Pacific Fisher Response to Fuels Management in Northern California Forests (CA)**  
Synthesize previously documented wildlife responses to fuel treatments and monitoring the effects of planned fuels management projects on Pacific fishers in Klamath National Forest. Project will support forest managers and regulatory biologists in California with forest planning and clarify the short and long-term trade-offs among fuels management, wildfire severity and forest-dependent wildlife persistence.  
*\$270,000*

**Outdoor Outreach**  
**Engaging Youth in Environmental Stewardship and Outdoor Education (CA)**  
Create access points to San Diego Bay and Tijuana River watersheds for young people from underserved communities through environmental education and conversation programs. Project will engage 140 young people in 12 field-based environmental stewardship and education programs, resulting in the restoration of over 100 of acres of sensitive wetland and coastal habitats.  
*\$40,891*

**Pepperwood Foundation**  
**Enhancing Forest Resilience and Salmonid Protection in Russian River Headwaters (CA)**  
Implement a program focusing on holistic vegetation management, forest thinning and ladder fuel reduction and forest health technical workshops within Sonoma County’s Mark Creek West watershed. Project will offer technical assistance workshops to local private forest landowners and agency land managers to facilitate the conservation of increasingly threatened habitats and wildlife corridors while also minimizing wildfire risk.  
*\$96,826*

**Plumas Audubon Society**  
**Lake Almanor Grebe Monitoring and Outreach (CA)**  
Reduce colony disturbance of grebes by conducting public outreach efforts and hosting of annual Grebe Festival. Project will monitor population and disturbance of grebes during their breeding season at Lake Almanor.  
*\$33,628*

**Pollinator Partnership**  
**Monarch Wings Across the West: Improving Habitat for Western Monarch Butterflies (CA, OR)**  
Improve habitat for monarch butterflies by providing technical support to agricultural producers on private working lands in California’s San Joaquin Valley, Sacramento Valley and Sonoma and Napa counties and Oregon’s Willamette Valley, Columbia Plateau and Southern Oregon regions. Project will improve 1,000 acres, develop 10 plans, propagate 8,000 milkweed seedlings, collect 500 pounds of milkweed seed, reach 110 people and host 10 workshops.  
*\$174,890*

**Rocky Mountain Elk Foundation**  
**Conserving Year-Round Big Game Habitat via the Mitchell Flat Conservation Easement (CA)**  
Conserve year-round big game habitat in northern California via a conservation easement on the varied Mitchell Flat property. Project will place a conservation easement on 3,125 acres of woodlands, grasslands, intermittent ponds and streams and riparian habitat.  
*\$200,000*

**San Mateo Resource Conservation District**  
**Designing Floodplain Restoration in Lower Pescadero Creek Corridor (CA)**  
Advance designs for a community-based, collaborative, integrated approach to riparian and floodplain restoration along a half-mile of Pescadero Creek to reduce flooding and erosion and improve habitat for protected species. Project will advance nature-based solutions to provide resilience for salmonids by creating refugia for both drought and high velocity storm events and for rearing during poor water quality conditions in the downstream estuary.  
*\$138,999*

**Santa Monica Mountains Fund**  
**Establishing Monarch Waystations and Habitat in Santa Monica Mountains (CA)**  
Enhance pollinator habitat at Santa Monica Mountains National Recreation Area and establish urban waystations for monarchs at 300 private sites near Los Angeles, California. Project will improve 162 acres, propagate 100,000 milkweed seedlings, collect 20 pounds of milkweed seed, host 11 events and reach 2,000 people.  
*\$174,901*

**Santa Ynez Band of Chumash Indians**  
**Improving Pollinator Habitat on the Ancestral Lands of the Santa Ynez Band of Chumash Indians (CA)**  
Restore and improve habitat for monarch butterflies and other pollinators by planting pollinator hedgerows and seeding three sites on Tribal lands in California. Project will improve 140 acres, restore 210 acres and collect 7 pounds of milkweed seed.  
*\$175,000*

**Save the Redwoods League**  
**Protecting the Weger Ranch Redwood Forest Through Conservation Easements (CA)**  
Protect a biodiverse California landscape to serve as a buffer for the old-growth redwood groves and benefit the greater landscape with enhanced wildlife connectivity, water quality and reduced wildfire risk. Project will place 3,862 acres under easement and connect 11,500 acres of conservation lands.  
*\$250,000*

**Shasta Valley Resource Conservation District**  
**Shasta River Fish Passage and Instream Enhancement (CA)**  
Remove one of the last impediments to fish passage on the Shasta River, regrade and stabilize the river with a roughened channel and riparian plantings, replace approximately 12,100 feet of unlined open-earthen irrigation ditch to a buried pipeline conveyance, install soil moisture sensors and other irrigation efficiency measures. Project will enhance access to over 31 miles of critical spawning and juvenile rearing habitat upstream and improve water quality and aquatic habitat downstream for Southern Oregon/Northern California Coast coho salmon.  
*\$1,442,159*

**Sierra Institute for Community and Environment**  
**Improving Transportation Infrastructure to Protect Salmonid Habitat in Battle and Mill Creeks (CA)**  
Create implementation-ready design plans for four (4) high-priority road-stream crossings in Lassen National Forest to protect anadromous habitat in Battle and Mill Creeks, focal areas for restoring populations of Chinook salmon and steelhead in the Sacramento River Basin. Project will use established design process with partners to eliminate existing stream diversions, minimize road-related sediment, decrease road failure risk and restore aquatic organism passage at each site.  
*\$168,315*

**Smith River Alliance**  
**Improving Transportation Infrastructure for Watershed Restoration in Six Rivers National Forest (CA)**  
Implement transportation infrastructure improvements on approximately 53 miles of road and trail to restore and protect watersheds in the North Fork sub-basin of the Six Rivers National Forest. Project will benefit fish, wildlife, sensitive plants and associated wildlife habitat health through improved road and trail conditions and enhanced water quality.  
*\$444,555*

**Smith River Alliance**  
**Preliminary Designs of Lower Elk Creek Wetland Enhancement (CA)**  
Develop designs to enhance coastal wetlands and engage the community in restoration planning and stewardship of the Elk Creek Wetlands Wildlife Area. Project will conduct planning required to restore highly productive wetland and off-channel salmonid habitat in the tidally influenced portion of Elk Creek and enhance natural buffers to protect Crescent City from flooding and storm surges.  
*\$207,885*

**Sonoma County Agricultural Preservation and Open Space District**  
**Supporting Technical Assistance for Forest Resilience and Watershed Health (CA)**  
Provide technical assistance to farmers, ranchers and forestland owners in the Russian River watersheds of Sonoma County to support voluntary adoption of fuels management and forest health practices on private property. Project will provide specialized training to private landowners, natural resource professionals and hand and fire crews for conservation practices that improve wildfire resilience, reduce soil erosion and increase storage of carbon.  
*\$353,174*

**Southern Sierra Research Station**  
**Monitoring Flycatcher and Least Bell’s Vireo (CA)**  
Conduct southwestern willow flycatcher and least Bell’s vireo surveys, brown-headed cowbird point count surveys and control in the U.S. Forest Service’s South Fork Wildlife Area. Project will evaluate habitat suitability for the flycatcher and vireo as well as conduct nest monitoring for flycatcher or vireo nests and will provide a final letter report to the U.S. Army Corps of Engineers summarizing the results for the above tasks.  
*\$64,278*

**The Bay Foundation**  
**Gaviota Coast Abalone Restoration Project (CA)**  
Collect, produce, restore and outplant red abalone affected by withering syndrome and overexploitation. Project will create a self-sustaining population of red abalone at Naples and Isla Vista reefs.  
*\$664,033*

**The Living Desert**  
**Reducing Human-Tortoise Conflicts in the West Mojave (CA)**  
Conduct education, engagement and outreach to build on and expand prior behavioral change successes in the Mojave Desert using active interventions. Project will engage children, outdoor recreationists, restaurateurs and the military communities surrounding the Western Mojave Recovery Unit focal areas in the Barstow region. Project will promote behavior change via practical, programmatic and social norming actions to reduce harmful human-tortoise interactions.  
*\$488,459*

**The Mule Deer Foundation**  
**Fuels Reduction and Habitat Improvement in Eldorado National Forest (CA)**  
Reduce fuel loads through mechanical treatments on 650 acres of mixed conifer forest in the Georgetown District of the Eldorado National Forest. Project will decrease risk of wildfire, advance watershed health and improve habitat conditions for the California spotted owl, mule deer and other wildlife.  
*\$470,454*

**TreePeople**  
**Planting Trees in the Pacoima Wash Greenway (CA)**  
Provide water quality and stormwater education, monitoring and removal of invasive species and litter in Butler Creek in Richmond County, Georgia. Project will improve water quality and bring together diverse group of community partners to restore and monitor 15 acres of bottomland hardwood swamp and engage students in 44 local schools on the importance of clean water and a healthy environment with hands-on inquiry-based educational experiences.  
*\$49,998*

**U.S. Fish and Wildlife Service**  
**Improving Density and Vital Rate Estimates for Mojave Desert Tortoises in the Western Mojave Recovery Unit (CA)**  
Improve density and vital rate estimates for the federally threatened Mojave desert tortoise in the Western Mojave Recovery Unit using line-distance sampling and established demographic plot field surveys. Project will establish baselines to evaluate population trends and efficacy of funded RASP recovery actions towards improved management and conservation of this species.  
*\$857,000*

**University of California, Davis**  
**Klamath Basin Experimental Chinook Release and Monitoring (CA, OR)**  
Conduct experimental release and acoustic monitoring of spring-run Chinook salmon to the upper Klamath Basin to inform restoration and reintroduction priorities. In November 2022, the Federal Energy Regulatory Commission approved removal of four major dams on the Klamath River, which will open hundreds of miles of historical salmon habitat. Project will inform adaptive management to better understand limiting factors during outmigration, and high-priority areas for restoration post-dam removal.  
*\$41,192*

**University of Wisconsin, Madison**  
**Assessing the Diet of Barred Owls in Old-Growth Redwood Forests (CA)**  
Conduct barred owl removals to assess stomach samples for a genetics-based diet analysis in California’s coastal redwood region in Mendocino and Sonoma counties, mainly on lands owned by Jackson State Demonstration Forest, California State Parks and Redwood Timber Company. Project will genetically screen intestinal contents for prey consumed by removed barred owls and conduct call-based surveys to inform occupancy modeling for Northern spotted owl and barred owls.  
*\$99,999*

**University of Wisconsin, Madison**  
**Assessing the Effects of Fuels Treatment and Improving Monitoring on Wildlife in the Sierra Nevada (CA)**  
Develop recommendations for the design and implementation of fuels management activities to conserve focal species and maintain avian diversity while promoting forest resilience in the Sierra Nevada. Project will link a regional-scale acoustic monitoring program with improved documentation of forest management activities and changes in forest structure and track changes in populations of California spotted owls to yield key ecological information such as the location of breeding sites.  
*\$269,999*

**Watershed Research and Training Center**  
**Douglas City Community Services District Feasibility Study for Fish Habitat Improvement in Trinity River Tributaries (CA)**  
Assess the economic feasibility of creating and maintaining a community services district (CSD) to provide a stable water supply to residents in rural Douglas City (Trinity County, California) to leave water instream for improved habitat connectivity for steelhead, coho and Chinook salmon in Browns and Reading creeks, tributaries to the Trinity River. Project would assist in determining if a CSD is an economically viable option to achieve environmental and community benefits under an increasingly dry climate.  
*\$78,837*

**Watershed Research and Training Center**  
**Increasing Forest Resilience in Weaver Basin through Fuels Reduction and Prescribed Fire (CA)**  
Implement hazardous fuel reduction utilizing prescribed fire treatments in the Weaverville Community Forest on Shasta-Trinity National Forest lands. Project will cooperatively implement fuels reduction with local crews on up to 200 acres for multiple benefits to the community of Weaverville and the surrounding Weaverville Community Forest.  
*\$93,422*



**Xerces Society for Invertebrate Conservation**  
Expanding the Monarch and Pollinator Habitat Kit Program (CA, OR)  
Increase habitat by expanding the Monarch and Pollinator Habitat Kit Program and providing technical assistance to 40 land managers on public and private lands in California and the Willamette Valley and Klamath-Siskiyou regions of Oregon. Project will improve 176 acres and sustain six jobs.  
*\$175,000*

**Yurok Tribe**  
Humbug Creek Upslope Fish Habitat Restoration and Monitoring (CA)  
Design, permit, implement and monitor upslope fish habitat restoration in select reaches of the Humbug Creek watershed area that were severely damaged by the McKinney Fire. Project will focus restoration on burned tributaries containing the largest proportion of Southern Oregon/Northern California Coast coho salmon habitat.  
*\$216,083*

**Yurok Tribe**  
Indian Creek Fish Passage Barrier Removal Feasibility Project (CA)  
Evaluate conditions that create a barrier to anadromous fish passage throughout a reach of Indian Creek, a tributary to the Trinity River, with a constriction point in the Indian Creek valley. Project will create a shovel ready project to remove a significant barrier to fish passage and reopen 7.5 miles of stream and 85 acres of habitat suitable for threatened Southern Oregon/Northern California Coast coho salmon, among other aquatic species.  
*\$184,838*

**Yurok Tribe**  
McGarvey Creek Coho Habitat Enhancement & Stewardship (CA)  
Enhance spawning populations of coho, Chinook, steelhead and coastal cutthroat habitat within McGarvey Creek, tributary to the Lower Klamath River. Project will maintain and enhance existing beaver dam analogue sites, install additional constructed wood jams and build post assisted log structures.  
*\$58,159*

**Yurok Tribe**  
Planning for Floodplain Restoration through Yurok Tribe’s Hunter Creek Land Repatriation (CA)  
Repatriate and survey land to analyze the 100-year floodplain and design appropriate restoration techniques to benefit coho and Chinook salmon and Pacific lamprey. Project will develop a plan to protect community homes and critical infrastructure from flooding through instream and riparian habitat rehabilitation and floodplain restoration.  
*\$747,291*

COLORADO

**Backcountry Hunters and Anglers**  
Removing Barriers to Big Game Movement on Colorado’s Western Slope (CO)  
Increase migration corridor permeability on the Western Slope of Colorado to benefit elk, mule deer and pronghorn. Project will improve 20 miles of fencing.  
*\$102,982*

**Bird Conservancy of the Rockies**  
Informing Full Annual Cycle Grassland Bird Conservation in the Great Plains - III (multiple states)  
Complete the final phase of this effort by tagging additional birds (Baird’s sparrow, Sprague’s pipit, chestnut-collared longspur and thick-billed longspur), analyzing bird movement data and developing management recommendations. Project will create data products that will be used to inform strategic spatially prioritized habitat conservation.  
*\$208,150*

**Bird Conservancy of the Rockies**  
Promoting Community-Level Conservation to Incentivize Private Land Stewardship (CO)  
Host collaborative workshops to co-create goals, objectives and rule sets for programmatic enrollment and financial compensation for landowners in Colorado. Project will encourage landowner participation in conservation activities which will have downstream impact.  
*\$102,386*

**Colorado Department of Agriculture**  
Watershed Resilience Partnerships (CO)  
Prioritize five major watershed areas for strengthened ecosystem and community resilience through habitat restoration, enhanced habitat connectivity, increased recreational access and engagement. Project will be implemented by a diverse group of stakeholders at strategically selected sites for the benefit of imperiled species.  
*\$4,000,000*

**Colorado Department of Natural Resources**  
Removing Obsolete Fencing to Reduce Big Game Entanglement and Improve Migration (CO)  
Improve big game migration corridor permeability in northwest Colorado to benefit the state’s largest herds of mule deer, elk and pronghorn. Project will remove 40 miles of wildlife-unfriendly fencing.  
*\$92,000*

**Colorado Open Lands**  
Restoring Hydrology of South Platte River (CO)  
Use low-tech, process-based restoration techniques to reconnect degraded stream-wetland riverscapes on Colorado’s South Platte River to restore natural hydrological function and ecosystem health. Project will restore 450 floodplain acres, restore 9.5 instream miles, monitor 12 sites and include 125 volunteers.  
*\$312,030*

**Colorado Rio Grande Restoration Foundation**  
Beaver Reintroduction and Process-Based Restoration in the Rio Grande National Forest (CO)  
Improve 18 miles of stream channel by building process-based restoration structures and reintroducing 24 beavers to selected locations within the Rio Grande National Forest. Project will protect native fish and restore habitat conditions at key locations by enhancing aquatic habitat, improving channel function, reconnecting streams to their floodplains and reestablishing riparian vegetation to benefit Rio Grande cutthroat trout, Rio Grande sucker and North American beaver.  
*\$99,359*

**Denver Zoological Foundation**  
Restoring Shortgrass Prairie and Riparian Areas in the Denver Metropolitan Area (CO)  
Implement conservation practices in central Colorado’s Daniels Park and Highlands Ranch Backcountry Wilderness Area to preserve the grassland ecosystem and reconnect Coloradans to grassland landscapes. Project will restore 229 acres via bison reintroduction, treat 20 acres for invasive plants, restore 1.24 instream miles, remove trees from 24 acres, install 150 mesic restoration structures and include 1,000 volunteers.  
*\$330,403*

**Groundwork Denver**  
Resident-Driven Solutions to Lower Bear Creek Water Quality Impairment (CO)  
Lead water quality education and monitoring activities in Colorado’s Lower Bear Creek Watershed, leveraging the support of youth employees and community residents. Project will positively impact 1,000 local residents, engage at least 75 volunteers, create or sustain 20 seasonal positions for local young people, monitor 12 sites and restore 50 acres of watershed and four miles of riparian area.  
*\$50,000*

**Mesa County Land Conservancy**  
Restoring Floodplains and Mitigating Wildfire Risk Across Pinyon Mesa (CO)  
Collaborate with landowners and local organizations to restore floodplains and riparian areas, rehabilitate drought-affected agricultural areas, enhance forest health and mitigate wildfire risk across western Colorado’s Pinyon Mesa. Project will remove 5 miles of wildlife-unfriendly fencing, restore 15 floodplain acres, install 100 mesic restoration structures, remove 4 miles of instream invasives and restore hydrology on 4 acres of mesic habitat.  
*\$387,923*

**National Audubon Society**  
Using Low-Tech Process-Based Restoration Techniques to Restore Dry Fork Creek (CO)  
Address stream degradation of Colorado’s Dry Fork Creek using low-tech process-based restoration techniques such as reseedling, installing Zeedyk structures and replacing road culverts to restore wetland habitats, improve water quality and increase forage quality and availability. Project will restore 8.9 floodplain acres and restore 51.6 wetland acres.  
*\$651,095*

**National Forest Foundation**  
Restoring Landscape Resiliency on Baldy Mountain (CO)  
Protect wildlife-urban interface resources to benefit wildlife and restore understory growth in southwest Colorado. Project will masticate invasive woody vegetation on 470.6 acres and monitor 11 sites for oak and aspen growth.  
*\$337,113*

**National Wildlife Federation**  
Reducing Disease Transmission to Bighorn Sheep and Improving Big Game Range (CO)  
Collaborate with federal and private partners to remove the threat of disease transmission from domestic sheep to priority bighorn herds and improve riparian habitat along Colorado’s Gunnison River. Project will convert a sheep grazing allotment to a cattle grazing allotment for the improved management of 11,000 acres, restore 3.75 instream miles, install four water catchments, monitor four sites and include 15 volunteers.  
*\$247,837*

**Northern Colorado Water Conservancy District**  
Restoring the Kawuneeche Valley to Benefit Wetlands in the Colorado River Basin (CO)  
Increase the water table, improve sediment retention and encourage beaver return to Colorado’s Kawuneeche Valley. Project will restore 30 floodplain acres, restore 0.75 instream miles, install 30 beaver dam analogs, restore hydrology of 30 acres of mesic habitat and restore up to 32 wetland acres.  
*\$300,000*

**Texas Parks and Wildlife Department**  
Southern Plains Grassland Protection, Restoration and Enhancement (CO, KS, NE, NM, OK, TX)  
Support the Playa Lakes Joint Venture in work with five land trusts to advance grassland conservation across more than 250,000 acres of the Southern High Plains. Project will enable partners to deliver conservation and shared best practices according to the unique characteristics of their region while aligning their work toward a common purpose of positively and permanently benefiting habitat and wildlife.  
*\$4,020,000*

**The Mule Deer Foundation**  
Migration Corridors and Winter Range Initiative - III (multiple states)  
Enhance rangeland habitat across the Rocky Mountain region to benefit mule deer, sage-grouse and other native wildlife species. Project will improve 10 miles of fencing to wildlife-friendly specifications, remove 10 miles of wildlife-unfriendly fencing, manage 4,500 acres for invasive vegetation and replant 3,000 acres of fire-damaged rangeland with sagebrush and bitterbrush.  
*\$491,786*

**The Mule Deer Foundation**  
Strengthening Habitat Resilience and Management in the Southern Plains (CO, KS, NE, NM, OK, TX)  
Build a Southern Great Plains Habitat Initiative to improve habitat conditions for mule deer and other wildlife, assist private landowners with practices which will improve grasslands and range conditions on their properties, create climate resilient landscapes and increase carbon sequestration through the increased native vegetation within the Initiative area. Project will contribute to lesser prairie chicken recovery and conservation and grassland restoration.  
*\$418,155*

**The Nature Conservancy**  
Enhancing Hydrology of the Yampa River to Benefit Endangered and Threatened Fish (CO)  
Reconstruct the historic Maybell Ditch and modernize the headgate of Colorado’s lower Yampa River to benefit fish passage, restore hydrology and improve habitat connectivity while maintaining water-users’ irrigation needs. Project will rectify a fish passage barrier and open 55 miles of stream.  
*\$250,820*

**Trout Unlimited**  
Invasive Fish Removal and Reintroduction of Rio Grande Cutthroat Trout (CO)  
Open 18 miles of instream habitat in across five streams in Colorado’s Rio Grande Basin and in Rito Hondo Reservoir to reintroduce genetically pure Rio Grande cutthroat trout. Project will remove invasive fish species and support a cutthroat trout reintroduction team.  
*\$131,630*

**World Wildlife Fund**  
Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.  
*\$163,135*

CONNECTICUT

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
*\$339,525*

**Borough of Naugatuck**  
Stormwater and Green Infrastructure Improvements in Downtown Naugatuck (CT)  
Implement stormwater infrastructure improvements with Low Impact Development and green infrastructure in Naugatuck, Connecticut. Project will prevent annual reduction of 105 pounds of nitrogen, 8.6 pounds of phosphorus, 2,791 pounds of sediment and 4.39 million gallons of stormwater from entering the Naugatuck River and downstream to the Long Island Sound.  
*\$535,589*

**City of Norwalk**  
Creating Flood Resilience through Community Land Use Planning in Norwalk (CT)  
Create a city-wide flood resilience workplan to prioritize and execute strategies, land use planning and site-specific projects. Project will provide a framework of nature-based solutions resulting in improved community resilience and enhanced coastal habitat in response to coastal hazards.  
*\$211,750*

**City of West Haven**  
Assessing Nature-Based Solutions to Mitigate Flood Impacts along the Cove River (CT)  
Conduct alternatives analysis and targeted public engagement to identify appropriate nature-based solutions along the Cove River. Project will advance efforts to enhance connectivity between headwaters and coast, between channel and floodplain and to restore natural flow patterns, flood mitigation capabilities and habitats.  
*\$508,678*

**Connecticut Audubon Society**  
Debris Education Program in the Long Island Sound (CT)  
Deliver lessons and train teachers about the problem of debris polluting coasts and the ocean in communities of the Long Island Sound watershed in Connecticut. Project will raise awareness of the local and regional need to prevent plastic and other marine debris entering into the Sound.  
*\$153,794*



Connecticut College

Exploring Nature-based Restoration to Improve Shoreline Resilience and Public Access (CT)  
Install and evaluate the use of nature-based approaches to protect coastal shorelines at the Connecticut College Arboretum in New London, Connecticut. Project will expand the use of green strategies to reduce storm-surge and restore saltmarsh as buffers from storms and sea-level rise and open community access to Long Island Sound.  
\$86,312

Connecticut Department of Energy and Environmental Protection  
Creating Cohesive Nature-Based Resilience (CT)  
Expand nature-based resilience capacity through providing training, education and technical assistance to municipalities engaged in project design, permitting and partnerships to lead projects to implementation. Project will identify 10-15 resilience plans and two to five living shoreline projects that will benefit spartina grass, eastern oysters, ribbed mussels, winter and summer flounder nursery and wading birds.  
\$612,954

Connecticut River Watershed Council, Connecticut River Conservancy  
Riparian Buffer Restoration Efforts for Turtles and Priority Species (CT, MA, VT, NH)  
Plant forested riparian buffers on privately owned sites in Connecticut, Massachusetts, Vermont and New Hampshire. Project will plant 6,000 trees on 10 sites, restore 2.5 miles of forested buffers and restore 15 acres of agricultural field buffers to improve water quality and support native aquatic species, including eastern brook trout, diadromous fishes and spotted turtle, Blanding’s turtle and wood turtle.  
\$158,706

Earthplace - The Nature Discovery Center  
Engaging Student Community Scientists for Long Island Sound - VI (CT)  
Engage 200 Fairfield County, Connecticut high school and college student community scientists in virtual, field and laboratory-based experiential learning programs about water quality and Long Island Sound ecology. Project will empower the next generation of environmental stewards and improve public knowledge and understanding of the Sound.  
\$123,822

Earthplace - The Nature Discovery Center  
Improving Water Quality Management of Long Island Sound by Municipal Government (CT)  
Conduct a water quality data synthesis and sharing project about local water quality trends in eight towns of Fairfield County, Connecticut. Project will provide water resource managers with information to prioritize projects and take action to reduce sewage pollution and improve water quality in local waters and Long Island Sound.  
\$80,607

Eastern Connecticut Conservation District  
Manure Management to Reduce Nitrogen Pollution into Long Island Sound (CT)  
Construct a manure management facility at a dairy farm in Lebanon, Connecticut. Project will prevent 29,798 pounds of nitrogen from flowing into local waterways and downstream to Long Island Sound.  
\$819,514

Farmington River Watershed Association  
Engaging Communities in “River Smart” Stormwater Management the Farmington River Watershed - II (CT)  
Conduct the River Smart education program connecting the story of local storm drains to the problem of stormwater pollution into local waterways that feed Long Island Sound and install green infrastructure projects in the Farmington River Watershed, Connecticut. Project will educate adults and youth groups about everyday actions people can take to reduce polluted stormwater from inland communities into the Sound.  
\$69,180

Gather New Haven  
Cultivating Long Island Sound Stewards through Environmental Education and Exploration (CT)  
Provide science, conservation, exploration and leadership programs to low-income middle school students in New Haven, Connecticut. Project will improve student understanding of and appreciation for the relationship between the community and Long Island Sound.  
\$126,649

Henry L Ferguson Museum  
Community Engagement and Education for Eelgrass Protection on Fishers Island - II (NY)  
Build community awareness and support for voluntary long-term actions to protect eelgrass on Fishers Island in New York and in southeastern Connecticut communities. Project seeks to secure community action to sustain these important coastal habitats of Long Island Sound.  
\$52,173

Housatonic Valley Association  
Collaborating to Reduce Pollution on Farms in the Upper Housatonic Watershed (CT, MA, NY)  
Support development of on-farm collaborative conservation plans in the Upper Housatonic watershed in Connecticut, Massachusetts and New York. Project will set the stage for actions to reduce nitrogen and other pollution from upstream agricultural operations which effect downstream Long Island Sound.  
\$193,931

Long Island Community Foundation  
Delivery of the Long Island Sound Community Stewardship Fund Program - V (CT, NY)  
Deliver the Long Island Sound Stewardship Fund of the Long Island Sound Funders Collaborative (LISFC) in the Long Island Sound Study boundaries of Connecticut and New York. Project will enhance the partnership between LISFC and the U.S. Environmental Protection Agency around the common mission of restoring and protecting the health and living resources of the Sound.  
\$198,180

Manomet  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
\$135,000

National Audubon Society  
Ladders to Careers in Conservation for Urban Youth in Coastal Connecticut (CT)  
Employ young people from the community in restoration and stewardship of coastal habitats and public outreach activities around coastal birds in the Long Island Sound. Project will provide training and professional experiences to increase the diversity of future conservation practitioners.  
\$249,990

National Audubon Society  
Engaging Forest Owners and Industry to Improve Multistate Bird Conservation Habitats (CT, NY, VT)  
Expand engagement with family forest owners and forest industry stakeholders in the St Lawrence and Connecticut River watersheds to establish three new dynamic forest blocks and continue to implement best practices within current dynamic forest blocks to drive landscape level habitat diversity. Project will restore 450 acres of early-successional habitat and 1,200 acres of late successional habitat, benefiting golden-winged warbler, wood thrush, black-throated blue warbler and American woodcock.  
\$354,294

Norwalk Land Trust  
Restoring Coastal Forest Habitat at Hoyt Island Bird and Wildlife Sanctuary (CT)  
Restore 3 acres of coastal island forest on Hoyt Island offshore of Norwalk, Connecticut. Project will improve an important coastal habitat of Long Island Sound.  
\$50,000

Save the Sound  
Long Island Sound River Restoration Network - I (CT, NY)  
Save the Sound will establish and manage the Long Island Sound River Restoration Network in the Long Island Sound watershed of Connecticut and New York. Project will more efficiently and consistently assess and advance priority fish passage and culvert replacement/right-sizing projects that benefit migratory riverine corridors, an important coastal habitat of the Sound.  
\$249,916

The Maritime Aquarium at Norwalk  
Developing Shoreline Restoration Options for Veteran’s Park in Norwalk (CT)  
Evaluate shoreline restoration options for Veteran’s Park in Norwalk, Connecticut. Project will evaluate methods to increase resilience of the park to storms and sea-level rise and improve public access to the shore.  
\$91,866

The Middlesex Land Trust  
Fish Passage at the Highland Pond Dam - II (CT)  
Remove a barrier to fish passage on the Sawmill Brook in Middletown, Connecticut. Project will restore access to 1 mile of spawning and nursery habitat for river herring and American eel.  
\$719,950

The Trust for Public Land  
Sliver by the River: Planning for Greening and Access on the Bridgeport Waterfront - II (CT)  
Produce design and construction documents for green infrastructure and resilience features at a new park in Bridgeport, Connecticut. Project will set the stage for waterfront greening to improve water quality, enhance community resilience to storms and floods and provide public access in an urban coastal community of Long Island Sound.  
\$313,611

Town of Sprague  
Fish Passage on Beaver Brook - II (CT)  
Remove a barrier to fish passage on Beaver Brook in Sprague, Connecticut. Project will open a migratory riverine corridor to fish migration for alewife, blueback herring, American eel and sea lamprey, opening up 3.7 miles downstream to the Thames River and Long Island Sound.  
\$343,750

Town of Trumbull, Connecticut  
Green Infrastructure for the Long Hill Green District (CT)  
Remove existing impervious paved areas and replace with a 5,400 square feet of permeable green infrastructure and install bioretention planters in the Town of Trumbull, Connecticut. Project will filter 2,270 cubic feet of stormwater runoff before it flows downstream to Bridgeport Harbor and Long Island Sound.  
\$249,069

Town of Westbrook  
Comprehensive Coastal Resiliency Planning for Three Connecticut Communities (CT)  
Prepare a combined coastal resiliency plan for the neighboring communities of Westbrook, Clinton, Old Saybrook and Old Fenwick in Connecticut. Project will develop a shared strategy to reduce the impacts of sea-level rise and storms on these coastal communities of Long Island Sound.  
\$150,000

University of Connecticut  
Marine Debris Education for High School Students in Coastal Communities of Long Island Sound (CT)  
Deliver classroom education and generate student-driven solutions to be shared with the community about how to prevent single-use plastic pollution in Groton and New London, Connecticut. Project will raise awareness and motivate stewardship to prevent many types of common marine debris from flowing into Long Island Sound.  
\$69,022

Virginia Polytechnic Institute and State University  
Preventing Human Disturbance of Atlantic Flyway Shorebirds - IV (multiple states)  
Expand implementation and assessment and disseminate human behavior change strategies through the completion of pilot projects in Georgia, Connecticut, New York and South Carolina and the establishment of new projects at additional sites to address human disturbance to shorebirds—primarily red knot, American oystercatcher and whimbrel. Project will develop impactful, scalable conservation strategies that can be applied along the Atlantic coast to reduce disturbance leading to improved shorebird survival and reproductive success.  
\$200,000

Wildlife Management Institute  
Restoring Riparian Habitat through Alder Regeneration (NH)  
Regenerate patches of degraded speckled alder habitat in riparian corridors in large forest blocks throughout northern New Hampshire and provide technical assistance including forest management plans to private landowners across the region. Project will improve management on 100 acres of young forest habitat and restore 10 miles of forested riparian buffers that serve as key riparian corridors that support breeding habitats for American woodcock and other young forest dependent species.  
\$209,295

DELAWARE

Atlantic Coast Joint Venture, U.S. Fish and Wildlife Service  
Informing Coastal Restoration Efforts to Support At-Risk Shorebird Species (DE, NJ)  
Utilize modeling to inform and implement coastal restoration planning in the Delaware Bay for at-risk saltmarsh sparrows and American oystercatchers, which use coastal marsh as breeding habitat. Project will update the existing saltmarsh vegetation community data set to identify local hot spots for both species as well as identify where both may co-occur.  
\$157,538

Atlantic Soybean Council  
Advancing Farmers for Soil Health in the Atlantic Region (DE, MD, NY, PA, VA)  
Combine regional conservation agronomy expertise with state and local level support to further advance cover crops in the Atlantic region. Project will result in 23,000 new acres of cover crops on soy/corn acres improving soil health in Delaware, Maryland, New York, Pennsylvania and Virginia and contributing to improved nutrient management in the Chesapeake watershed.  
\$1,000,000

Bluefin Data  
Developing Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
\$339,525

Delaware Nature Society  
Enhancing the City of Wilmington’s Urban Pollinator Corridor and Food Resilience Efforts (DE)  
Install 27 community garden and pollinator habitat projects alongside a series of educational workshops and activities, developing the next generation of urban gardeners and stewards in Wilmington, Delaware. Project will increase urban pollinator habitat, improve public access and build resiliency to climate change using community gardens as an integrated food network.  
\$202,102



**Delaware River Basin Commission**  
Assessing Water Quality in the Upper Delaware and Delaware Estuary (DE, NJ, NY, PA)  
Conduct three water quality studies to collect, assess and evaluate data in support of future monitoring and management efforts. Project will assess contaminants of emerging concern, complete estuary water quality modeling to understand the potential effects of anticipated climate change on fish habitat and complete research, monitoring and evaluation of a recreational use in support of safe and equitable recreation access.  
\$498,186

**Delmarva Poultry Industry**  
Adoption of Sustainable Chicken Farming Practices in the Delmarva Peninsula (DE, MD, VA)  
Create cost-share programs to accelerate the adoption of sustainable and resilient chicken farming practices in Maryland and Virginia’s Delmarva Peninsula. Project will improve riparian buffers, precision nutrient management, conservation drainage and litter management.  
\$997,327

**Ducks Unlimited**  
Working Lands for Wildlife Black Duck Partnership (DE, MD, NJ, VA)  
Advance on-the-ground delivery and conduct outreach to new landowners by providing engineering technical assistance to implement the Working Lands for Wildlife Black Duck program across applicable Delmarva and New Jersey wetlands. Project will lead to restoration of high-quality wetland habitat while concurrently building relationships with local landowners.  
\$348,316

**Green Building United**  
Urban Flood Resistance (DE)  
Design, deliver and evaluate a program to engage the Northeast Wilmington community in natural flood mitigation techniques. Project will conduct community outreach and education, implement flood resistance solutions through community rewilding and improve habitat for priority species including Atlantic sturgeon and American shad.  
\$94,508

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
\$135,000

**Maryland Association of Soil Conservation Districts**  
Accelerating Implementation of Nature-Based Practices in the Delmarva Peninsula (DE, MD)  
Conservation districts will partner with public drainage organizations and landowners to accelerate the implementation of nature-based structural practices in the Delmarva Peninsula. Project will implement non-tidal wetland restoration, floodplain reconnection, shoreline management and riparian buffers while also hosting a series of workshops, field days and webinars for stakeholders.  
\$983,486

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
\$149,940

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
\$178,827

**National Wildlife Federation**  
Transforming Recreational Engagement through Innovative and Inclusive Approaches (DE, NJ, NY, PA)  
Engage urban neighborhoods and underserved communities to explore, recreate and enhance their waterways and trail systems through the removal of barriers, creation of safe spaces and opportunities for outreach and involvement. Project will increase capacity and support for restoration and protection activities in the basin through meaningful community-based educational and recreational engagement.  
\$500,000

**New Castle County**  
Habitat Enhancement and Water Quality Improvement in Banning Regional Park (DE)  
Initiate restoration and land management methods that will be applied on 4,330 acres at Banning Regional Park in New Castle County, Delaware. Project will provide critical invasive plant control on 75 acres of contiguous mature forest, convert 4 acres of existing turfgrass lawn to forest on the east side of the park and enhance 2.6 acres of wetland and riparian forest.  
\$230,223

**Partnership for the Delaware Estuary**  
Implementation of Kalmar Nyckel Living Shoreline and Riparian Habitat Restoration (DE)  
Implement a 300-foot living shoreline and riparian habitat restoration project as part of the Christina Brandywine Remediation Restoration and Resilience Initiative’s Plan. Project will create final design and permitting of proposed installations, implementation of a living shoreline at the Kalmar Nyckel site, including a freshwater mussel demonstration installation and restoration of a wooded riparian wetland swale and adjacent shoreline, via invasive removal and native plantings.  
\$227,875

**Red Clay Consolidated School District**  
Habitat Restoration and Outdoor Education in the Red Clay Consolidated School District (DE)  
Restore underutilized space on six public school campuses within New Castle County, Delaware, through student-led Green Teams, classes, district staff and a network of community partners. Project will provide benefits to wildlife and water quality, as well as meaningful outdoor learning opportunities for teachers, students ranging from preschool through 12th grade and parents.  
\$228,283

**Rutgers University**  
Creating a Management Plan for the Invasive Chinese Pond Mussel (DE)  
Create a management plan and a habitat suitability map for the invasive Chinese pond mussel within the Delaware River watershed. Project will create resources for the coalition of partners currently working to eradicate this species before it threatens vulnerable freshwater ecosystems and threatened mussel species throughout the watershed.  
\$191,507

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
\$641,353

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
\$194,552

**Stockbridge-Munsee Community**  
Developing a Lënapehòkink Cultural Heritage Homelands Fellowship Along the Delaware River (DE, PA, NJ, NY)  
Bring Lenape Tribal young people back to ancestral lands, the Lënapehòkink, within the Delaware River watershed and in portions of New York to cultivate Tribal identity, cultural resilience and provide career orienting experiences and pathways for Tribal youths. Project will coordinate the youth immersion program, support 18 youth fellowship positions, develop a program framework and create a long-term sustainability plan for the program.  
\$723,244

**The Nature Conservancy**  
Utilizing the Delmarva Wetland Partnership to Address Barriers Inhibiting Wetland Restoration (DE, MD, PA)  
Utilize the Delmarva Wetland Partnership to address barriers inhibiting wetland restoration in parts of the Chesapeake Bay watershed in Delaware, Maryland and Pennsylvania. Project will add capacity to design restoration projects, provide project management support, provide support to landowners to offset the rising costs of restoration and implement over 600 acres of wetland restoration and 46 acres of associated upland buffers.  
\$997,612

**University of Missouri**  
Cover Crop Education Programs to Advance the Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
\$153,828

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
\$694,712

**Virginia Polytechnic Institute and State University**  
Developing and Implementing Black Duck Habitat Monitoring for the Chesapeake Bay  
Work with project partners including Ducks Unlimited and The Nature Conservancy to identify four to five wetland restorations sites in northern Maryland and southern Delaware containing emergent herbaceous freshwater and saltwater marsh for surveying black duck habitat use.  
\$91,077

DISTRICT OF COLUMBIA

**College of William and Mary, Virginia**  
Institute of Marine Science  
Increasing the User Base for RecFish, an Application for Recreational Anglers (DC, MD, VA)  
Expand participation and awareness of the RecFish mobile application, demonstrate the value of the application to state government partners and continue refining the application to meet the needs of recreational anglers interested in recording and contributing their data. Project will draw potential users to the application through a social media campaign and grow the user base of this citizen science effort.  
\$271,244

FLORIDA

**Alachua Conservation Trust**  
Restoring Longleaf Pine in South Georgia and North Florida  
Assist public and private landowners implement prescribed fire management and longleaf restoration in south Georgia and north Florida. Project will support prescribed fire capacity including a prescribed burn association to assist with 10,000 acres of prescribed burning and plant over 1,000 acres of longleaf pine on public and private lands, benefiting gopher tortoise, red-cockaded woodpecker and northern bobwhite.  
\$750,000

**Amphibian and Reptile Conservancy**  
Community-Based Invasive Species Management for Imperiled Herpetofauna (AZ, FL, NM, SC)  
Restore reptile and amphibian habitat through innovative and effective techniques to eradicate invasive species including noxious weeds, invasive bullfrogs, crayfish and fire ants in the Coconino, Tonto, Coronado, Gila, Cibola, Francis Marion and Apalachicola national forests. Project will restore wetland and riparian habitat, establish local community crews, form an Invasive Species Council and develop educational resources for community engagement.  
\$883,455

**Association of Zoos and Aquarium**  
Educating Aquarists to Expand Land-Based Nursery Capacity (FL, GA, NE)  
Train aquarium managers interested in participating in the coral rescue program on stony coral tissue loss disease and coral restoration practices. Project will work to grow the land-based nursery management capacity of the coral conservation community within and outside of the United States.  
\$75,000

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
\$339,525

**Escambia County**  
Implementing a Living Shoreline along Magazine Point at Naval Air Station Pensacola (FL)  
Construct a large-scale living shoreline along exposed portions of Naval Air Station in Pensacola Bay to enhance submerged aquatic vegetation habitat, saltmarsh, oyster reefs, coastal grasslands and dunes. Project will recover important coastal habitats and enhance community resiliency by protecting critical naval infrastructure, stabilizing erodible shorelines and absorbing impact from storms.  
\$10,926,000



**Florida Department of Environmental Protection**  
Collaborative Land Protection Planning for Efficiency and Habitat Connectivity  
Review and refine the boundaries of proposed acquisition projects, with voluntary landowners, for the Florida Forever program that will increase public access to natural areas, streamline habitat management, benefit at-risk species and expand habitat connectivity. Project will help focus acquisition efforts and resources to complete landscape scale conservation projects and improve the consistency of enforcement and resource management on protected lands.  
*\$245,015*

**Florida State University**  
Developing Preliminary Design to Enhance Community Resiliency through Wetland Restoration (FL)  
Develop a community approved design that will create and enhance wetland habitat restoration of two main tributaries that feed Lake Martin along St. Andrew Bay. Project will develop preliminary designs for habitat restoration that will improve the resilience of the underserved communities of Springfield and improve water quality and habitat.  
*\$510,032*

**Forest Landowners Association**  
Engaging Private Forest Landowners to Restore Longleaf Pine (multiple states)  
Restore and maintain longleaf pine habitat and promote the collaborative conservation of at-risk species on private lands across the historical longleaf pine range. Project will provide financial assistance to private landowners to establish and maintain longleaf pine habitat, support continued engagement with the U.S. Fish and Wildlife Service in the Southeast Region to advance at-risk species recovery and develop new online tools to engage landowners in collaborative conservation efforts.  
*\$1,685,000*

**Groundwork Jacksonville**  
Final Design and Permitting to Restore Hogans Creek (FL)  
Complete final designs and permitting to restore 44 acres of wetland habitat and upland buffers at Hogans Creek to benefit saltwater fish species including rock sea bass, gray snapper, red drum and crevalle jack. Project will engage with neighborhoods and stakeholders during the design process and once implemented, will reduce flooding, improve water quality and enhance fish and wildlife habitat.  
*\$5,848,900*

**Gulf Fisheries Research Foundation**  
Developing Electronic Monitoring for Gulf of Mexico Charter Headboat Fleets (AL, FL, TX)  
Test the use of remote electronic monitoring in the Gulf of Mexico multi-passenger charter headboat fishery to determine the cost-effectiveness of data collection and build an artificial intelligence image library for species identification. Project will explore the potential of artificial intelligence to minimize video review costs and contribute better information for science and management.  
*\$369,674*

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
*\$135,000*

**Miami-Dade County**  
Designing Cutler Marsh and Mangroves to Enhance Resilience at Biscayne National Park (FL)  
Accelerate the restoration of coastal wetlands, mangroves and forests adjacent to Biscayne National Park to benefit American crocodile, bobcats, roseate spoonbills and migratory birds. Project will advance the conceptual designs to create final engineering and design plans to enhance coastal protection and resilience for neighboring communities and wildlife habitat.  
*\$330,000*

**Mote Marine Laboratory**  
Data Systems Support for Coral Nursery Rearing and Restoration Coordination (FL)  
Integrate digital tools for large-scale coral restoration. Project will identify key data and metrics for tracking within and among coral nurseries and post outplanting efforts to facilitate coordination among the restoration community.  
*\$254,263*

**Mote Marine Laboratory**  
Optimizing Fisheries Retention with Artificial Intelligence in the Gulf of Mexico (FL, TX)  
Reduce red grouper discard rates in the Gulf of Mexico reef fish fishery by applying existing electronic monitoring protocols and new artificial intelligence algorithms to facilitate an optimized retention fishery. Project will validate a feasible compliance monitoring strategy that addresses industry needs to incentivize sustainable fishing.  
*\$475,089*

**North Carolina State University**  
Increasing Prescribed Burning Capacity in the South (multiple states)  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species including Bachman’s sparrow and northern bobwhite.  
*\$240,000*

**Palm Beach County Board of County Commissioners**  
Constructing a Tidal Wetland Complex to Enhance Bonefish Cove (FL)  
Create a tidal wetland complex that includes 7.8 acres of red mangroves, 1.7 acres of oyster reef, 26.8 acres of seagrass recruitment area and 0.2 acres American oystercatcher nesting berms in the Lake Worth Lagoon estuarine system. Project will increase the amount of highly productive fish and wildlife habitat, improve water quality and provide storm protection for the eroding shoreline along a critical hurricane evacuation route.  
*\$1,500,000*

**Phillip and Patricia Frost Museum of Science**  
Restoring, Enhancing and Maintaining Coastal Habitats in South Florida’s Coastal Watershed (FL)  
Serve the local community by making high-quality natural areas accessible for educational, recreational and ecological purposes in Miami-Dade County, Florida. Project will enhance three coastal ecosystems, plant 350 trees, restore 4.6 acres, remove 2,000 pounds of litter and host community engagement events with 1,000 volunteers.  
*\$43,748*

**Rhode Island Department of Environmental Management**  
Wetland Migration Pathway Planning, Prioritization and Community Engagement (multiple states)  
Create a pipeline of tidal wetland migration pathway projects in areas served by National Estuarine Research Reserves (NERRS) in the Northeast, Mid-Atlantic and Southeast. Project will identify migration pathway protection opportunities and priorities, develop or improve technical products such as maps and models, build a community of practice and create resources and guides to support pathway planning and assessment for all NERRS.  
*\$551,816*

**Tall Timbers Research**  
Restoring Longleaf Pine Forests and At-Risk Species (FL, GA)  
Assist public and private landowners with prescribed fire management and longleaf restoration in south Georgia and north Florida. Project will support prescribed fire capacity, including a prescribed burn association to assist with 3,000 acres of prescribed burning, plant 250 acres of longleaf pine on public and private lands and protect 1,000 acres of existing longleaf habitat with voluntary conservation easements, benefiting gopher tortoise, red-cockaded woodpecker and northern bobwhite.  
*\$750,000*

**The Longleaf Alliance**  
Advancing Longleaf Pine Restoration and Seedling Capacity (multiple states)  
Coordinate longleaf pine restoration across the South and address limitations to longleaf seedling quality and quantity by establishing a longleaf pine tree improvement program focused on improving longleaf genetics, expanding seed collection capacity and supporting nursery seedling capacity expansion within the historical longleaf pine range. Project will produce 20 million longleaf pine seedlings and support the coordination of 18 longleaf implementation teams implementing longleaf restoration.  
*\$4,250,000*

**The Longleaf Alliance**  
Fortifying and Expanding Longleaf Ecosystem Restoration in the Gulf Coastal Plain (AL, FL)  
Restore and maintain up to 100,000 acres of longleaf pine habitat through longleaf plantings, groundcover restoration, prescribed fire, invasive species control and rare species recovery within northwest Florida and south Alabama. Project will relocate 1,200 gopher tortoises, support red-cockaded woodpecker population recovery by installing 200 artificial nest cavity inserts and releasing 150 captively reared reticulated flatwoods salamanders to restored wetland habitat.  
*\$603,925*

**The Nature Conservancy**  
Expanding Longleaf Pine Seedling Availability to Increase Planting on Private Lands (AL, FL, GA, MS)  
Partner with tree nurseries and consulting foresters to produce and plant 4 million longleaf pine seedlings on private lands in Alabama, Florida, Georgia and Mississippi. Project will engage 50 private landowners to plant seedlings on 6,600 acres and help bolster local tree nursery confidence to increase longleaf seedling production and help reduce future seedling shortages.  
*\$1,800,000*

**University of Florida**  
Creating Genetic Diversity of Corals and Diadema Sea Urchins (FL)  
Increase genetic diversity and number of Acropora corals and Diadema sea urchins available for restoration efforts. Project will increase the supply of genetic combinations of Acropora corals to manage breeding efforts and establish partnerships to expand available capacity for Diadema propagation.  
*\$200,000*

**University of Florida**  
Saltmarsh Restoration Techniques (FL)  
Complete final designs and permits for the beneficial re-use of dredged sediment to restore 260 acres of smooth cordgrass habitat. Project will, when implemented, protect critical infrastructure in coastal Florida and provide resiliency to marsh habitat through a design informed by sea-level rise projections.  
*\$1,048,020*

GEORGIA

**Alachua Conservation Trust**  
Restoring Longleaf Pine in South Georgia and North Florida  
Assist public and private landowners implement prescribed fire management and longleaf restoration in south Georgia and north Florida. Project will support prescribed fire capacity including a prescribed burn association to assist with 10,000 acres of prescribed burning and plant over 1,000 acres of longleaf pine on public and private lands, benefiting gopher tortoise, red-cockaded woodpecker and northern bobwhite.  
*\$750,000*

**American Bird Conservancy**  
Using Birds as Ambassadors to Engage Private Forest Owners and Improve Habitats (AL, GA, LA, MS, SC)  
Advance longleaf ecosystem restoration and recovery of several at-risk and listed species in Alabama, Georgia, Louisiana, Mississippi and South Carolina. Project will restore and enhance more than 2,000 acres of longleaf pine habitat through longleaf plantings, prescribed burning and other management practices and accelerate species recovery by improving resiliency through captive rearing and reintroduction of the at-risk gopher frog and translocation of the federally endangered red-cockaded woodpecker to suitable habitat.  
*\$325,000*

**Anthropocene Alliance**  
Restorative Landscape Planning for Impoverished, Rural Communities (GA)  
Develop designs for two impoverished rural communities in coastal Georgia. Project will provide a model for restoration designed to protect homes from coastal hazards, improve water quality and enhance slash and loblolly pine and oak-gum-cypress forest habitat.  
*\$284,781*

**Appalachian Trail Conservancy**  
Invasive Species Management in National Forests along the Appalachian Trail (GA, NC, TN, VA, WV)  
Monitor and remove nonnative invasive plants and protect endangered ash trees in national forest sites within the Appalachian National Scenic Trail corridor, including the Chattahoochee-Oconee, George Washington-Jefferson, Nantahala, Pisgah and Cherokee national forests. Project will engage both volunteers and Service Corps crews in on-the-ground activities to improve the ecological health of national forests in the Appalachian Mountains.  
*\$515,751*

**Association of Zoos and Aquarium**  
Educating Aquarists to Expand Land-Based Nursery Capacity (FL, GA, NE)  
Train aquarium managers interested in participating in the coral rescue program on stony coral tissue loss disease and coral restoration practices. Project will work to grow the land-based nursery management capacity of the coral conservation community within and outside of the United States.  
*\$75,000*

**Athens Land Trust**  
Young Conservation Stewards Memorial Park Restoration and Education (GA)  
Create an impactful restoration and education experience by removing invasive plants, restoring healthy native vegetation and communicating the importance of invasive removal to visitors of a highly visible park in Athens, Georgia. Project will provide teens from an underserved community with employment experience and leadership skills while restoring 5 acres of riparian and Oak-Hickory-Pine habitat in an important local park.  
*\$48,378*

**Austin Peay State University**  
Status Assessment and Conservation Planning for Cumberland Plateau Grasslands (AL, GA, KY, TN)  
Develop a science-based status assessment and comprehensive conservation plan for the grasslands, savannas and other open ecosystems of the Cumberland Plateau of Alabama, Georgia, Kentucky and Tennessee. Project will produce a set of prioritized representation targets, a final recommended reserve network design for Cumberland Plateau open ecosystems and a conservation vision that will focus ongoing restoration and protection work.  
*\$495,297*



**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
\$339,525

**Chattahoochee National Park Conservancy Community Restoration of Crayfish Creek (GA)**  
Restore at least 2 acres of riparian area through removal of invasive plant species, reinforce vulnerable streambank sections with native trees and perennials and continue to engage a group of volunteers and young people in meaningful environmental stewardship on Crayfish Creek in Georgia. Project will continue previous work, restoring 1,000 linear feet of streambank, planting 200 native trees and engaging 150 volunteers.  
\$50,000

**Forest Landowners Association**  
Engaging Private Forest Landowners to Restore Longleaf Pine (multiple states)  
Restore and maintain longleaf pine habitat and promote the collaborative conservation of at-risk species on private lands across the historical longleaf pine range. Project will provide financial assistance to private landowners to establish and maintain longleaf pine habitat, support continued engagement with the U.S. Fish and Wildlife Service in the Southeast Region to advance at-risk species recovery and develop new online tools to engage landowners in collaborative conservation efforts.  
\$1,685,000

**Georgia Audubon**  
Restoring Bird-friendly Habitat in the South River Watershed (GA)  
Restore 10 acres of habitat to protect the South River Watershed for the benefit of birds, pollinators and other wildlife. Project will engage eight local partners and at least 50 volunteers to install 5,400 bird- and pollinator-friendly native plants and 40 pounds of seed and remove 10 acres of invasive vegetation, as well as engage at least 460 community members, including at least 300 students, in conservation experiences.  
\$45,561

**Georgia Department of Natural Resources**  
Designing Resilient Solutions to Protect Saltmarsh and Coastal Communities (GA)  
Advance designs for nature-based and hybrid practices to mitigate combined salt and freshwater flooding impacts in Brunswick, Georgia. Project will produce designs that protect coastal saltmarsh habitat from runoff and sedimentation and adjacent community infrastructure from current and future flooding impacts.  
\$328,469

**Georgia Department of Natural Resources**  
Estimate the Northbound Passage Population of Red Knot in the Georgia Bight - II (GA, SC)  
Expand ongoing monitoring of red knot spring passage in the Georgia Bight through the incorporation of new monitoring techniques and tools. Project will develop a robust estimate of the population alongside, mark recapture resight, tagging work and outreach efforts that will all aid in the management and protection of red knots and their food resources within these key stopover sites.  
\$75,000

**Georgia Forestry Commission**  
Managing Habitat and Mitigating Wildfire (GA)  
Prescribe burn 20,000 acres of private land and 5,000 acres of public land, identify historically underserved communities to assist with prescribed burning and wildfire mitigation, complete at least 10 stewardship management plans per year and support a workshop and an expo event. Project will enhance resilience of the longleaf pine ecosystem within the Georgia Sentinel Landscape through restorative forest management and landowner outreach efforts.  
\$1,046,017

**Georgia Tech Research**  
Building Resilience to Protect Communities at Naval Submarine Base Kings Bay (GA)  
Assess restoration potential of natural infrastructure along with hydrodynamic conditions and sediment dynamics near Naval Submarine Base Kings Bay. Project will build on existing resiliency plans within Camden County to design nature-based solutions such as living shorelines and marsh restoration.  
\$967,288

**Girl Scouts of Historic Georgia**  
Engaging Youth and Community to Cultivate Environmental Stewardship (GA)  
Eradicate 100 acres of invasive Chinese tallow trees while providing a community science early detection rapid response monitoring experience on 200 acres in Savannah, Georgia. Project will engage at least 150 local young people in hands-on experiential learning opportunities through an environmental stewardship camp and multiple environmental community day events, allowing for a greater knowledge of the local flora and fauna and providing natural resource management experience.  
\$49,003

**Glynn Environmental Coalitio**  
Building Climate Resilience in Brunswick (GA)  
Build decision-making capacity of historically marginalized communities to mitigate impacts from storm surge and flooding. Project will engage climate experts and community members to identify and rank climate resiliency problems and identify nature-based solutions.  
\$282,064

**Limestone Valley Resource Conservation and Development Council**  
Holly Creek and Tar Creek Restoration in the Conasauga Watershed (GA)  
Remove invasive species, stabilize stream banks and restore riparian buffers at two sites in Holly Creek and Tar Creek within the Conasauga watershed in Georgia. Project will improve nearly a mile of stream habitat, reduce sediment impacts and exclude livestock access to improve water quality to benefit aquatic species, including the trispot darter and blue shiner.  
\$300,000

**Manomet**  
Improving the Pathway for Beneficial Use Dredged Materials to aid in Coastal Resiliency (GA, NC, SC)  
Increase planning and capacity at the state level for beneficial use of dredged material to improve ecosystem health and reduce flood risk impacts. Project will identify successful projects to emulate and convene partners to identify habitat areas that can beneficially use dredged materials to increase coastal resiliency.  
\$172,492

**North Carolina State University**  
Increasing Prescribed Burning Capacity in the South (multiple states)  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species including Bachman’s sparrow and northern bobwhite.  
\$240,000

**Phinizy Center for Water Sciences**  
Riparian Habitat Restoration and Community Stormwater Education (GA)  
Provide water quality and stormwater education, and remove invasive species in Butler Creek in Richmond County, Georgia. Project will improve water quality and bring together community partners to restore and monitor 15 acres of bottomland hardwood swamp and engage students in 44 local schools on the importance of clean water and a healthy environment with hands-on inquiry-based educational experiences.  
\$32,754

**Tall Timbers Research**  
Restoring Longleaf Pine Forests and At-Risk Species (FL, GA)  
Assist public and private landowners with prescribed fire management and longleaf restoration in south Georgia and north Florida. Project will support prescribed fire capacity including a prescribed burn association to assist with 3,000 acres of prescribed burning, plant 250 acres of longleaf pine on public and private lands and protect 1,000 acres of existing longleaf habitat with voluntary conservation easements, benefiting gopher tortoise, red-cockaded woodpecker and northern bobwhite.  
\$750,000

**The Conservation Fund**  
Amicalola-Chattahoochee Expansion Acquisitions (GA)  
Protect critical habitat for various species of concern, including black bear, red-headed woodpecker and northern long-eared bat in Georgia. Project will acquire the 2,037-acre Amicalola Tract and 763-acre Nimblewill Tract to be added to Amicalola Falls State Park and Chattahoochee National Forest, respectively and opened for public access.  
\$500,000

**The Longleaf Alliance**  
Advancing Longleaf Pine Restoration and Seedling Capacity (multiple states)  
Coordinate longleaf pine restoration across the South and address limitations to longleaf seedling quality and quantity by establishing a longleaf pine tree improvement program focused on improving longleaf genetics, expanding seed collection capacity and supporting nursery seedling capacity expansion within the historical longleaf pine range. Project will produce 20 million longleaf pine seedlings and support the coordination of 18 longleaf implementation teams implementing longleaf restoration.  
\$4,250,000

**The Nature Conservancy**  
Enhancing Mountain Longleaf Pine Ecosystem (AL, GA)  
Protect, create, maintain and improve montane longleaf pine stands on both public and private lands throughout northwest Georgia and northeast Alabama. Project will improve fire capacity and increase efficiency of future restoration projects through heritage surveys.  
\$550,000

**The Nature Conservancy**  
Expanding Longleaf Pine Seedling Availability to Increase Planting on Private Lands (AL, FL, GA, MS)  
Partner with tree nurseries and consulting foresters to produce and plant 4 million longleaf pine seedlings on private lands in Alabama, Florida, Georgia and Mississippi. Project will engage 50 private landowners to plant seedlings on 6,600 acres and help bolster local tree nursery confidence to increase longleaf seedling production and help reduce future seedling shortages.  
\$1,800,000

**The Nature Conservancy**  
Partnering to Restore the Longleaf Landscape Across the Chattahoochee Fall Line Region (AL, GA)  
Accelerate the conservation and restoration of the longleaf pine ecosystem in west Georgia and east Alabama. Project will perform 20,000 acres of prescribed burning on public and private lands, plant 350 acres of longleaf pine, monitor the largest red-cockaded woodpecker population on private lands in Alabama and provide outreach programs targeting 600 private landowners, including the historically underserved, resulting in 2,000 acres under improved management.  
\$400,000

**Trees Atlanta**  
Restoring Emma Millican Park through Reforestation and Invasive Species Removal (GA)  
Address the prevalence of invasive species threatening the forest health of Emma Millican Park in Atlanta’s Capitol View Manor neighborhood. Project will remove invasive species and reforest 9.25 acres, replant 100 native shrubs and 200 native trees, engage over 300 community volunteers and increase forest biological diversity.  
\$52,421

**Virginia Polytechnic Institute and State University**  
Preventing Human Disturbance of Atlantic Flyway Shorebirds - IV (multiple states)  
Expand implementation and assessment and disseminate human behavior change strategies through the completion of pilot projects in Georgia, Connecticut, New York and South Carolina and the establishment of new projects at additional sites to address human disturbance to shorebirds – primarily red knot, American oystercatcher and whimbrel. Project will develop impactful, scalable conservation strategies that can be applied along the Atlantic coast to reduce disturbance leading to improved shorebird survival and reproductive success.  
\$200,000

**HAWAI’I**  
**Ai.Fish**  
Developing Onboard Artificial Intelligence for Electronic Monitoring Data Management (AK, HI, IL)  
Develop and pilot deployment of software for processing electronic monitoring video data that can operate in real-time onboard fishing vessels using low-power computing devices to improve automated catch accounting, streamline data collection and deliver value for fishermen. Project will evaluate the feasibility of onboard edge-based artificial intelligence and potentially encourage broader adoption of electronic monitoring.  
\$295,397

**American Bird Conservancy**  
Saving Hawai’i’s Imperiled Forest Birds - XV (HI)  
Continue conservation activities to protect forest birds in Hawai’i. Project will perform restoration over 6,500 acres of native forest on Hawai’i Island and maintain 51.5 miles of fence around palila critical habitat, conduct predator and rodent control over 16,000 acres, conduct a palila population survey and continue coordination of a landscape-scale mosquito control tool.  
\$270,853

**Hawai’i Department of Land and Natural Resources**  
Implementing the Maui Landscape Conservation Plan to Benefit At-Risk Native Species (HI)  
Implementation of the first stage of the Maui Landscape Conservation Plan to protect and recover at-risk species on Maui Nui, Hawai’i. Project will prevent near-term imminent extinction of target plant species, expand horticultural expertise for propagation and reintroduction and establish a state-wide survey and monitoring database for at-risk plants, invertebrates, water birds and sea birds.  
\$1,543,583

**Hawai’i Department of Land and Natural Resources**  
Restoring Forests to Protect West Maui’s Rural Communities from Flooding (HI)  
Restore native forests through fencing, animal removal, firebreak improvements and community volunteer tree planting to benefit flood vulnerable communities in West Maui, Hawai’i. Project will increase infiltration rates to reduce flood impacts and enhance water quality to benefit seabird and waterbird habitat.  
\$1,266,804



**Hawai’i Division of Forestry and Wildlife**  
**Enhancing Flood Resilience and Endangered Waterbird Habitat in Kailua (HI)**  
Develop designs and implement innovative demonstration projects for removing accumulated vegetation from Kawaiunui Marsh, eradicating invasive mangrove from the entire Kailua watershed, restoring native riparian species and habitats and building community capacity to support ongoing restoration efforts. Project will improve flood resilience of the Kailua community while restoring habitat for three federally endangered waterbirds.  
*\$4,000,000*

**Hui o Ho’ohonua**  
**Collaborative Planning to Improve Wetland Stewardship in West Loch, Pearl Harbor (HI)**  
Collaborate to enhance wetlands stewardship in order to restore shorelines in West Loch, Pearl Harbor. Project will engage with community leaders and public organizations to develop plans for coastal wetland restoration that will provide increased habitat and protection from flooding and storm damage.  
*\$500,000*

**Kahuku Community Association**  
**Analysis and Design of Flood Mitigation through Wetland Restoration in Kahuku (HI)**  
Create a comprehensive flood mitigation plan that redirects stormwater into restored engineered wetlands to support endangered native Hawaiian waterbird habitat. Project will facilitate community meetings and have wetland engineers assess the scale and design of solutions to provide flood relief for the local community.  
*\$374,550*

**Kure Atoll Conservancy**  
**Restoring Seabird Breeding Habitat on Holaniku, Kure Atoll (HI)**  
Restore habitat for black-footed and Laysan albatross by removing invasive species and planting native species that are important for seabird nesting habitat and coastal protection at Holaniku, Kure Atoll, in Hawai’i. Project will conduct invasive plant removal through herbicides, mechanical methods and displacement using competitive native plants grown in the on-island shade house and placed to increase seabird habitat resiliency to drought, wind, flooding and erosion.  
*\$150,000*

**Malama Haleakala Foundation**  
**Reduce Erosion and Restore Vegetation Using Reclaimed Wastewater for Clearer Nearshore Waters (HI)**  
Utilize reclaimed wastewater to reestablish groundcover and mitigate for axis deer damage and subsequent erosion. Project will prevent an estimated 722,371 pounds of sediment and 18,245 pounds of nutrients from entering coastal waters annually.  
*\$119,900*

**Oikonos - Ecosystem Knowledge**  
**Evaluating Bycatch Impacts on the Black-footed Albatross across the Pacific**  
Integrate datasets into a comprehensive bycatch risk assessment for black-footed albatross by colony, sex and age class across the Pacific. Project will develop a harmonized protocol for standardized demographic analysis of albatross bycatch that can be adopted by other nations and fishery management organizations to encourage increased awareness and engagement by fisheries across the Pacific; project will also address colony specific at sea movement gaps.  
*\$405,500*

**Pacific Rim Conservation**  
**Assessing Long-term Success of Seabird Translocation Projects in Kauai and Oahu (HI)**  
Evaluate the long-term success of previous translocation projects for six seabird species across two sites on Kauai and Oahu and use the results to inform future translocations. Project will initiate the planning process to begin the first inter-island translocation of Newell’s Shearwater from Kauai to Lanai and conduct habitat maintenance and predator removal in translocation sites.  
*\$79,993*

**Pacific Rim Conservation**  
**Improving Elepaio Predator Control on O’ahu (HI) - III**  
Continue rat control in the southern extent of the Honolulu Watershed Forest Reserve and Pia Valley Natural Area Reserve on O’ahu to protect O’ahu elepaio from rat predation. Project will improve the efficiency of rat control by increasing the use of automated pneumatic rat traps to benefit one of the largest O’ahu elepaio populations.  
*\$26,931*

**Pulama Lanai**  
**Increasing Resilience for Hawaiian Petrel and Establishing a New Population of Orangeblack Hawaiian Damselfly on Lana’i (HI)**  
Restore native habitat for nesting Hawaiian petrel and construct a 3-acre predator-exclusion fenced management unit for reintroduction of endangered orangeblack Hawaiian damsselflies on Lana’i, Hawai’i. Project will establish a new population of orangeblack Hawaiian damsselflies, create a predator-free wetland habitat to attract endangered waterbirds, remove invasive plants and predators and outplant native plants to increase the resilience of endangered species impacting the U.S. Department of Defense’s training activities.  
*\$676,554*

**The Nature Conservancy**  
**Implementing a Predator Control Program to Protect Kiwikiu in Waikamoi Preserve, Maui (HI)**  
Install predator control traps in western Waikamoi Preserve on Maui to manage threats to the critically endangered kiwikiu (Maui parrotbill) and other native birds and plants. Project will establish a series of mixed type predator traps to lessen depredation by cats, mongoose and rats.  
*\$147,380*

**The Nature Conservancy**  
**Monitoring Social Attraction of Threatened Seabirds on Palmyra Atoll (HI)**  
Expand social attraction and monitoring for Polynesian storm-petrel and phoenix petrel at Palmyra Atoll. Project will seek to establish two endangered and threatened seabird species at Palmyra Atoll to reduce extinction risk.  
*\$107,000*

**The Trust for Public Land**  
**Hawai’i Sentinel Landscape Implementation Plan (HI)**  
Hire a two-year coordinator to engage with military services, NGO partners and key federal, state and local stakeholders to develop a Sentinel Landscape implementation plan for Hawai’i. The Sentinel Landscape Coordinator will work to identify common conservation, encroachment and climate resiliency priorities and pull together a plan that will go to federal agencies for approval to establish Hawai’i as a Sentinel Landscape.  
*\$200,000*

**U.S. Fish and Wildlife Service**  
**Enhance Nesting Habitat for Seabirds at Midway Atoll to Increase Population Resilience (HI)**  
Continue and expand current efforts to improve nesting habitat for significant populations of albatrosses and other seabirds at Midway Atoll in the Pacific. Project will conduct removal of invasive plants, restoration of functional native habitat and other habitat management actions that stabilize or increase breeding populations, mitigating climate change and other environmental threats to the populations.  
*\$350,000*

**University of Hawai’i**  
**Analyzing Coral Restoration and Recovery Success from Mitigation Efforts (HI)**  
Evaluate recent emergency coral restoration response to improve effectiveness and efficiency of emergency activities. Project will monitor and evaluate restoration response of the transfer of 5,000 coral colonies transplanted as mitigation of a dredging event.  
*\$78,411*

**University of Hawai’i**  
**Implementing Automated Acoustic Monitoring for Band-rumped Storm Petrel on Maui (HI)**  
Deploy automated acoustic monitors to identify locations where ‘ake’ake, band-rumped storm petrel, are detected indicating potential colony locations on Maui. Project will locate existing colonies to assess distribution, quantify presence and relative population status and will explore management strategies.  
*\$90,000*

**Waipa Foundation**  
**Assessing Nature-Based Solutions to Enhance Resiliency along Coastal Waipa (HI)**  
Complete site assessment and preliminary design to remove invasive vegetation and restore native and cultural plant regime to promote natural sand dune restoration and reduce coastal erosion and degradation of aquatic habitats along the coastline of Waipa, Kauai. Project will develop nature-based solutions that are innovative, sustainable and transferable to other sites and organizations throughout the Hawaiian Islands.  
*\$268,398*

**Woods Hole Oceanographic Institution**  
**Using Acoustic Enrichment to Enhance Coral Larvae Settlement in Hawai’i**  
Optimize the acoustic environment to attract coral larvae settlement as a restoration tool. Project will conduct lab and field tests to replicate a successful pilot in the Caribbean on Pacific coral species.  
*\$414,028*

IDAHO

**Friends of the Teton River**  
**Restoring Canyon Creek Stream Flow and Function for Fish, Wildlife and Water Users (ID)**  
Restore instream flow and improve irrigation infrastructure impacting Canyon Creek, upstream to the Caribou-Targhee National Forest, which is a major spawning tributary for a source population of Yellowstone cutthroat trout. Project will improve water quality and ecosystem function and will collaboratively address water supply and ecosystem needs for an entire subwatershed.  
*\$815,041*

**Great Burn Study Group, Great Burn Conservation Alliance**  
**Detection and Response to Noxious Weeds in the Great Burn National Forests (ID, MT)**  
Utilize early detection and rapid response treatment of noxious weeds to restore a large block of habitat within the Nez Perce-Clearwater and Lolo national forests to benefit species of concern, including grizzly bears. Project will result in four new monitoring programs and removal of hawkweed, Saint John’s wort, knapweed and other invasives.  
*\$854,071*

**Heart of the Rockies Initiative**  
**Advancing Voluntary Conservation within the Working Lands for Wildlife Sagebrush Biome (ID)**  
Create a shared position between the Natural Resources Conservation Service and Idaho Coalition of Land Trusts to support outreach and engagement for voluntary conservation efforts on working lands in the Working Lands for Wildlife Sagebrush Biome in Idaho. Project will expand and advance the Agricultural Lands Easement program across the state to support interested and qualified producers.  
*\$212,000*

**Kalispel Tribe of Indians**  
**Restoring Wetlands to Recover Cutthroat and Bull Trout Habitat (ID)**  
Install low-tech, process-based restoration structures and plant native vegetation to restore the wetland ecosystem of Reeder Creek, Idaho. Project will restore wetland function including instream habitat and flow connectivity and will improve water quality for native cutthroat trout and bull trout.  
*\$50,000*

**Pheasants Forever**  
**Continuing Idaho Cheatgrass Challenge Team Efforts to Combat Invasive Grasses (ID)**  
Restore rangelands in southern and central Idaho by removing invasive annual cheatgrass and reseeding native grasses to benefit sage-grouse and other native species. Project will use herbicides to remove invasive grasses from 5,000 acres of rangelands and reseed 949 acres of private and public lands.  
*\$159,711*

**Pheasants Forever**  
**Bruneau-Owyhee Sage-Grouse Habitat Restoration (ID)**  
Remove invasive western juniper in southwestern Idaho to restore greater sage-grouse habitat. Project will restore 2,453 acres of sagebrush steppe.  
*\$313,393*

**The Mule Deer Foundation**  
**Migration Corridors and Winter Range Initiative - III (multiple states)**  
Enhance rangeland habitat across the Rocky Mountain Region to benefit mule deer, sage-grouse and other native wildlife species. Project will improve 10 miles of fencing to wildlife-friendly specifications, remove 10 miles of wildlife-unfriendly fencing, manage 4,500 acres for invasive annual grasses, remove invasive juniper from 500 acres of rangeland and replant 3,000 acres of fire-damaged rangeland with sagebrush and bitterbrush.  
*\$491,786*

**The Mule Deer Foundation**  
**Improving Coordination Between Idaho Stakeholders to Conserve Big Game - II (ID)**  
Facilitate collaboration between the Mule Deer Foundation and the Idaho Fish and Game Department to employ a shared coordinator for big game conservation across Idaho. Project will improve 20 miles of fencing to wildlife-friendly standards, remove 10 miles of wildlife-unfriendly fencing, place 1,000 private acres under improved management, place 100,000 public acres under improved management, restore 500 private acres of grasslands, restore 10,000 public acres of grasslands and remove annual invasive plants from 5,000 acres.  
*\$403,831*

ILLINOIS

**Ai.Fish**  
**Developing Onboard Artificial Intelligence for Electronic Monitoring Data Management (AK, HI, IL)**  
Develop and pilot deployment of software for processing electronic monitoring video data that can operate in real-time onboard fishing vessels using low-power computing devices to improve automated catch accounting, streamline data collection and deliver value for fishermen. Project will evaluate the feasibility of onboard edge-based artificial intelligence and potentially encourage broader adoption of electronic monitoring.  
*\$295,397*

**Chicago Park District**  
**Improving Ecosystem Resiliency of Chicago’s Shoreline (IL)**  
Develop a plan that identifies ecosystem restoration strategies to improve resiliency of Chicago’s Lake Michigan shoreline. Project will engage with public stakeholders to identify priority projects that enhance aquatic ecosystems and build upon coastal resiliency initiatives to protect shoreline infrastructure.  
*\$500,000*

**Ducks Unlimited**  
**Using Regenerative Practices to Improve Water Quality and Habitat (IL)**  
Hire an Agriculture Conservation Specialist to meet with private landowners, identify suitable regenerative agriculture practices and promote and implement the Fall Covers for Spring Savings program throughout Illinois. Project will work with 600 agricultural producers and landowners to implement 100,000 acres of regenerative agriculture, reduce nitrogen and phosphorous runoff, reduce soil erosion, improve water quality and provide new wildlife habitat.  
*\$263,960*



**Friends of Hackmatack National Wildlife Refuge**  
Restoring Grassland Habitat in Hackmatack National Wildlife Refuge (IL)  
Restore habitat for eastern prairie fringed orchid, rusty patched bumble bees and a suite of grassland- and wetland-dependent birds with the support of volunteers and students in the Hackmatack National Wildlife Refuge. Project will remove invasive woody species on 24 acres of wetland and create 26 acres of grassland habitat.  
*\$48,000*

**Friends of the Forest Preserves**  
Engaging Local Communities in the Calumet Heritage Area (IL)  
Engage local communities in invasive species treatment and retreatment at three forest preserves, Kickapoo Woods, Whistler Woods and Sand Ridge Nature Center Campus, along or close to the Little Calumet River. Project will restore habitat more than 66 acres and provide job trainings in habitat restoration techniques through a conservation corps program.  
*\$350,000*

**Illinois Corn Growers Association**  
Expanding the Precision Conservation Management Model to Advance Farmers for Soil Health (IL, KY, NE)  
Strengthen and expand the Precision Conservation Management model to increase sustained adoption of cover crops on corn and soybean acres in Illinois, Kentucky and Nebraska. Project will support enrollment of 96,500 acres of cover crops in the three state and provide individualized technical assistance support to more than 200 farmers.  
*\$2,500,000*

**Lake County Forest Preserve District**  
Sustaining Ecological Integrity for Threatened Species Through Invasive Tree and Shrub Control (IL)  
Restore 67 acres of wet prairie and sustain and enhance habitat for several state-listed threatened and endangered plant species across 164 acres of sedge meadow and oak savanna and woodland habitats. Project will manage aggressive and advancing invasive woody plants that are overwhelming habitat by using efficient methodologies, including cutting, removal and stump herbicide treatments.  
*\$200,000*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Audubon Society**  
Expanding Wetlands, Forest Habitat and Public Access at Powderhorn Lake Forest Preserve (IL)  
Improve habitat quality and support hydrologic reconnection through invasive species removal, water level management, native plug planting and native seeding at Powderhorn Lake Forest Preserve. Project will build on hydrological-focused restoration across 98 acres of critical wetland and forest habitat, connect people through stewardship and facilitate concept and build-ready design of public access to the new natural areas.  
*\$208,882*

**National Audubon Society**  
Monitoring Marsh Birds in the Great Lake Region to Restore Wetlands (multiple states)  
Restore 3,000 acres of wetland across 12 priority regions of Great Lakes coastal wetlands to protect the habitat of 14 species of marsh birds. Project will restore coastal wetland at high-priority sites and build capacity of key landowning partners to incorporate marsh bird monitoring at sites with critical data gaps that support development of local marsh bird conservation networks.  
*\$1,200,000*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**Pollinator Partnership**  
Project Wingspan: Pollinator Habitat Enhancement (IL, IN)  
Enhance habitat for monarch butterflies and other pollinators by providing technical assistance for land managers, collecting native seeds and distributing plant materials on public lands and private working lands in Illinois and Indiana. Project will improve 2,000 acres, propagate 5,000 milkweed seedlings, collect 25 pounds of milkweed seed, host 13 events and reach 460 people.  
*\$174,871*

**Shedd Aquarium Society**  
Restoring the South Branch of the Chicago River through Community Science and Engagement (IL)  
Restore and monitor a 41-acre zone of the Chicago River Watershed’s South Branch through the establishment of a community science program. Project will monitor water quality and aquatic and terrestrial wildlife, engage volunteers to enhance wetland habitats and increase access to nature, environmental literacy and stewardship.  
*\$45,170*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

**The Bee and Butterfly Habitat Fund**  
Seed A Legacy Pollinator Habitat Program (multiple states)  
Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people.  
*\$175,000*

**The Morton Arboretum**  
Expanding Tree Canopy to Reduce Stormwater Impacts in Under Resourced Communities (IL)  
Expand green stormwater infrastructure by planting 700 diverse, native trees in 11 priority under-resourced communities and neighborhoods located in the Chicago-Calumet watersheds. Project will provide benefits to mitigate flooding and air pollution, improve wildlife habitat, improve access to green space in three public parks and provide job trainings.  
*\$337,750*

Monarch butterfly in Illinois





**The Wetlands Initiative**  
Restoring Remnant Wetland Habitat at Indian Ridge Marsh North (IL) - III  
Implement habitat restoration and expanded shoreline modification at Indian Ridge Marsh North, a remnant wetland parcel on Chicago’s Southeast Side, to benefit declining wetland-dependent marsh birds and surrounding underserved communities. Project will restore 85 acres to healthy native marsh, wet meadow and upland habitats, complete new shoreline work and engage area residents with restoration via stewardship workdays.  
*\$299,910*

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

**Urban Rivers**  
instream Habitat Structures and Community Engagement along Chicago River (IL)  
Enhance existing engagement of large-scale projects by adding instream habitat at the confluence of the North Branch of the Chicago River and the North Shore Channel. Project will utilize artificial floating wetlands as greenspace for native wetland and prairie plants, improve water quality and fill gaps of significant investments and revitalization at a key point in the Chicago River system.  
*\$342,416*

INDIANA

**Blue Heron Ministries**  
Restoring Wetlands to Protect Marsh Hawks at Nasby Fen Nature Preserve (IN)  
Restore over 60 acres of upland wood and field to prairie and oak savanna and remove invasive species across more than 100 acres of wetlands to suppress and displace populations of nonnative invasive species and encourage establishment and perpetuation of native communities. Project will treat ecologically unique fen and oak savanna and remove invasive herbaceous and woody plant species to benefit state and federally listed migratory and resident birds, plants, insects and reptiles.  
*\$369,511*

**Delta Institute**  
Restoring Oak Savanna at Oak Ridge Prairie and Oak County Trail (IN)  
Plant 700 trees, restore 7 acres of endangered native grassland habitat, reduce and treat over 800,000 gallons of stormwater annually, plant native wildflowers and engage young people and community volunteers in planting and maintenance work. Project will restore native oak savanna habitat at a high-traffic public county park in northwest Indiana.  
*\$230,844*

**Fort Wayne City Utilities**  
Increasing Stormwater Storage in Bullerman Ditch and Maumee River Basin (IN)  
Install native wetland vegetation and trees in conjunction with a daylighting in the Bullerman Ditch watershed in Indiana. Project will eliminate flooding, stabilize stream banks, reduce sediment loading by more than 700,000 pounds and increase habitat for pollinators and birds across 7.5 acres of greenspace.  
*\$750,000*

**Great Lakes and St. Lawrence Cities Initiative**  
Advancing Priority Coastal Resilience Projects in Great Lakes Shoreline Communities (MI, WI)  
Advance projects to strengthen coastal resilience utilizing nature-based solutions to restore habitat in shoreline communities. Project will advance five projects through site assessment and designs while expanding stakeholder engagement and showcasing demonstration sites to cities across the region.  
*\$999,996*

**Indiana Agriculture Nutrient Alliance**  
Indiana Farmers for Soil Health Initiative  
Launch a market-based, retail-centered approach to technical assistance and cost-share program enrollment. Project will support enrollment of 16,000 acres of cover crops on soy and corn farms in Indiana contributing to improved soil health and nutrient management in the Great Lakes and Mississippi River watersheds.  
*\$500,000*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Audubon Society**  
Monitoring Marsh Birds in the Great Lake Region to Restore Wetlands (multiple states)  
Restore 3,000 acres of wetland across 12 priority regions of Great Lakes coastal wetlands to protect the habitat of 14 species of marsh birds. Project will restore coastal wetland at high-priority sites and build capacity of key landowning partners to incorporate marsh bird monitoring at sites with critical data gaps that support development of local marsh bird conservation networks.  
*\$1,200,000*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**Pollinator Partnership**  
Project Wingspan: Pollinator Habitat Enhancement (IL, IN)  
Enhance habitat for monarch butterflies and other pollinators by providing technical assistance for land managers, collecting native seeds and distributing plant materials on public lands and private working lands in Illinois and Indiana. Project will improve 2,000 acres, propagate 5,000 milkweed seedlings, collect 25 pounds of milkweed seed, host 13 events and reach 460 people.  
*\$174,871*

**Shirley Heinze Land Trust**  
Restoring and Enhancing Nature Preserves of Northwest Indiana  
Restore restoration on 14 key nature preserves within five conservation areas in Lake, Porter and Laporte counties in Indiana to benefit rare plant species, migratory birds, forest-dependent birds and bats. Project will enhance 500 acres of remnant high-quality wetlands, prairies and woodlands.  
*\$592,058*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

**The Bee and Butterfly Habitat Fund**  
Seed A Legacy Pollinator Habitat Program (multiple states)  
Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people.  
*\$175,000*

**The Nature Conservancy**  
Improving Wildlife Habitat and Community Engagement in the Grand Calumet River Area (IN)  
Conduct restoration activities on at least 500 acres in nature preserves near the Grand Calumet River and reconnect residents to the Grand Calumet River and associated dune and swale habitat through listening sessions, outreach, education and hands-on work. Project will create community-informed engagement report and improve habitat for wildlife such as Blanding’s turtles, spotted turtles, Virginia rails, American bitterns and migratory birds.  
*\$193,649*

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

IOWA

**Iowa Natural Heritage Foundation**  
Increasing and Improving Prairie Habitat for Rusty Patched Bumble Bee and Other Pollinators (IA)  
Conduct prescribed burning, invasive species control, broadcast seeding and other management activities to benefit rusty patched bumble bees, monarch butterflies and other pollinators on public and private conservation lands in Iowa. Project will improve 1,000 acres, restore 1,032 acres and propagate 2,500 milkweed seedlings.  
*\$229,927*

**Iowa Soybean Association**  
Iowa Farmers for Soil Health Outreach and Technical Assistance  
Provide technical assistance through a network of conservation agronomists working within ag retail organizations and advance a statewide, coordinated communications strategy to promote cover crops. Project will reach over 20,000 Iowa farmers and follow up with 300 about conservation financial assistance opportunities.  
*\$250,745*

**Iowa Soybean Association**  
Increasing Cover Crops with Farmers for Soil Health and the Conservation Agronomy Program (IA)  
Leverage and expand the current network of conservation agronomists to deliver technical assistance to farmers to increase cover crop adoption on new acres across Iowa. Project will support enrollment of 60,000 acres of cover crops.  
*\$1,050,000*

**Land Stewardship Project**  
Farmer to Farmer Soil Health Education (IA, MN)  
Support the adoption of regenerative agricultural methods such as managed grazing, continuous living cover and no-till on more than 20,000 acres of farmland in southeastern and west-central Minnesota and northeastern Iowa. Project will provide access to technical assistance for implementing regenerative methods and utilizing federal programs for financial support to 4,500 farmers.  
*\$247,570*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**Pathfinders Resource Conservation and Development**  
Enrolling Private Working Lands in Farm Bill Programs to Support Monarchs and Other Pollinators (IA)  
Provide technical assistance to enroll private working lands in Farm Bill programs and restore or improve habitat for rusty patched bumble bees, monarchs and other pollinators in Iowa. Project will restore 400 acres, improve 200 acres, host 10 events and reach 100 people.  
*\$205,500*

**Practical Farmers of Iowa**  
Conservation Crossroads: Improving Habitat for Rusty Patched Bumble Bee and Other Pollinators (IA)  
Provide technical assistance through the Partners for Fish and Wildlife Program to restore and improve habitat for rusty patched bumble bee, American bumble bee, regal fritillary and other pollinators on public lands and private working lands in northeastern Iowa. Project will restore or improve 1,200 acres and reach 250 people.  
*\$175,000*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*



Soil Health Institute

Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)

Establish a 15-month soil health training program to deliver education programming that provides state and national commodity organizations and growers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative. *\$194,552*

**The Bee and Butterfly Habitat Fund**  
Seed A Legacy Pollinator Habitat Program (multiple states)

Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people. *\$175,000*

University of Missouri

Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative. *\$153,828*

University of Missouri

Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program. *\$694,712*

World Wildlife Fund

Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management. *\$163,135*

KANSAS

Bird Conservancy of the Rockies

Informing Full Annual Cycle Grassland Bird Conservation in the Great Plains - III (multiple states)  
Complete the third and final phase of this effort by tagging additional birds (Baird’s sparrow, Sprague’s pipit, chestnut-collared longspur and thick-billed longspur), analyzing bird movement data and developing management recommendations. Project will create data products that will be used to inform strategic spatially prioritized habitat conservation. *\$208,150*

Heartland Conservation Alliance

Training Youth in Environmental Stewardship in the Blue River Watershed (KS, MO)  
Train 18 young people and employ a crew of five to seven young people who will steward 220 acres of land in the Blue River Watershed. Project will address needs for improved watershed health, improved community health, lack of a natural resource management workforce and plant 500 trees. *\$49,883*

National Association of Conservation Districts

Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states. *\$149,940*

National Center for Appropriate Technology

Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers. *\$178,827*

Soil Health Institute

Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs. *\$641,353*

Soil Health Institute

Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative. *\$194,552*

Texas Parks and Wildlife Department

Southern Plains Grassland Protection, Restoration and Enhancement (CO, KS, NE, NM, OK, TX)  
Support the Playa Lakes Joint Venture in work with five land trusts to advance grassland conservation across more than 250,000 acres of the Southern High Plains. Project will enable partners to deliver conservation and shared best practices according to the unique characteristics of their region while aligning their work toward a common purpose of positively and permanently benefiting habitat and wildlife. *\$4,020,000*

**The Bee and Butterfly Habitat Fund**  
Seed A Legacy Pollinator Habitat Program (multiple states)

Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people. *\$175,000*

The Kansas Association of Conservation Districts

Building Capacity for Regenerative Agriculture in Northeast Kansas  
Contract with an experienced conservation planner to provide training and oversight on conservation planning, standards and specification for technical assistance and financial assistance options. Project will provide training and consultation on soil health strategies to include cover crop species mixes, soil testing for nutrient availability, livestock integration in cropping systems and adaptive grazing strategies. *\$467,500*

The Mule Deer Foundation

Strengthening Habitat Resilience and Management in the Southern Plains (CO, KS, NE, NM, OK, TX)  
Build a Southern Great Plains Habitat Initiative to improve habitat conditions for mule deer and other wildlife, assist private landowners with practices which will improve grasslands and range conditions on their properties, create climate resilient landscapes and increase carbon sequestration through the increased native vegetation within the Initiative area. Project will contribute to lesser prairie chicken recovery and conservation and grassland restoration. *\$418,155*

The Nature Conservancy

Strengthening Grasslands Resilience in the Southern Plains (KS, OK)  
Leverage conservation programs, organizational resources and conservation anchor properties to outpace threats within high-priority landscapes in Southern Plains grasslands. Project will build a scalable model for grassland development, long-term voluntary conservation of high-quality habitat in large blocks to sustain ecological function, biodiversity and climate resilience. *\$492,287*

University of Missouri

Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative. *\$153,828*

University of Missouri

Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program. *\$694,712*

World Wildlife Fund

Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management. *\$163,135*

KENTUCKY

Austin Peay State

Status Assessment and Conservation Planning for Cumberland Plateau Grasslands (AL, GA, KY, TN)  
Develop a science-based status assessment and comprehensive conservation plan for the grasslands, savannas and other open ecosystems of the Cumberland Plateau of Alabama, Georgia, Kentucky and Tennessee. Project will produce a set of prioritized representation targets, a final recommended reserve network design and a conservation vision that will focus ongoing restoration and protection work. *\$495,297*

Cumberland River Compact

Restoring Abandoned and Legacy Mine Lands for Wildlife Conservation (KY, TN)  
Engage landowners with legacy coal mine sites in the Cumberland River Basin of Kentucky and Tennessee to restore riparian buffers, improve stream habitat and establish bird and pollinator habitat. Project will plant 140,000 trees on 200 acres of legacy mine land and engage 50 landowners to implement conservation actions on their land. *\$222,000*

Green Forests Work

Reforesting Legacy Coal Mine Lands in the Cumberland Plateau Region of Eastern (KY)  
Restore 400 acres of shortleaf pine-upland oak forest types and plant over 270,000 trees on legacy mine land in the Cumberland Plateau region of Kentucky. Project will decompact soil, remove invasive species and plant native tree species, reducing erosion and providing habitat for white-tailed deer, wild turkey, ruffed grouse and a variety of small mammals. *\$607,500*

Illinois Corn Growers Association

Expanding the Precision Conservation Management Model to Advance Farmers for Soil Health (IL, KY, NE)  
Strengthen and expand the Precision Conservation Management model to increase sustained adoption of cover crops on corn and soybean acres in Illinois, Kentucky and Nebraska. Project will support enrollment of 96,500 acres of cover crops in the three state and provide individualized technical assistance support to more than 200 farmers. *\$2,500,000*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)

Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states. *\$149,940*

National Center

for Appropriate Technology  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers. *\$178,827*

North Carolina State University

Increasing Prescribed Burning Capacity in the South (multiple states)  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species. *\$240,000*

Rocky Mountain Elk Foundation

Cumberland Conservation Easement (KY)  
Protect and manage the southern Kentucky property for public recreation, sustainable forestry, drinking water security and wildlife habitat management for elk, ruffed grouse and other at-risk species. Project will place 54,556 acres under conservation easement and result in 274,000 acres connected across Kentucky and Tennessee. *\$650,000*

Soil Health Institute

Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver education programming that helps growers successfully implement soil health management systems. Project will support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs. *\$641,353*

Soil Health Institute

Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs. *\$194,552*



**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

LOUISIANA

**A.J. and Nona Trigg Hodges Foundation**  
Restoring Longleaf Pine Habitat (LA)  
Accelerate longleaf pine ecosystem restoration and species recovery on private lands and the Kisatchie National Forest in west Louisiana. Project will implement prescribed burning on 2,000 acres, improve management on 1,500 acres and engage 1,800 landowners and conservation professionals, benefiting Louisiana pine snake, red-cockaded woodpecker and other longleaf and open pine dependent species.  
*\$200,000*

**American Bird Conservancy**  
Using Birds as Ambassadors to Engage Private Forest Owners and Improve Habitats (AL, GA, LA, MS, SC)  
Advance longleaf ecosystem restoration and recovery of several at-risk and listed species in Alabama, Georgia, Louisiana, Mississippi and South Carolina. Project will restore and enhance more than 2,000 acres of longleaf pine habitat and accelerate species recovery by improving resiliency through captive rearing and reintroduction of the at-risk gopher frog and translocation of the federally endangered red-cockaded woodpecker.  
*\$325,000*

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
*\$339,525*

**City of New Orleans**  
Bayou Bienvenue Central Wetlands Restoration Preliminary Design (LA)  
Develop preliminary designs to restore Bayou Bienvenue wetlands through marsh terraces, native vegetation planting and a dredged channel to restore hydrologic patterns. Project will coordinate stakeholder engagement and land records research throughout the planning process.  
*\$888,793*

**Coastal Environments**  
Removing Vessels and Debris from the Tchefuncte River in Madisonville (LA)  
Remove three abandoned vessels from the Tchefuncte River deposited by Hurricane Ida. Project will reduce navigation hazards and threat of pollutants to local wildlife.  
*\$150,162*

**Common Ground Relief**  
Restoring and Protecting Marsh Habitat in Bayou Bienvenue (LA)  
Reestablish 10 acres of marsh habitat along the shoreline of the Bayou Bienvenue Central Wetland area in Southeast Louisiana. Project will yield significant environmental, safety, economic and cultural benefits, as well as enhance the environmental literacy of over 100 students and volunteers.  
*\$30,612*

**Ducks Unlimited**  
East Barataria Basin Marsh Terracing to Enhance Community Resilience (LA)  
Construct earthen marsh terraces in open water using on site dredged material and vegetative planting to establish 80 acres of emergent marsh habitat to benefit waterfowl, shorebirds and seabirds. Project will create terraces to enhance submerged aquatic vegetation growth and water quality, provide tidal flats and reduce impacts of storm surge and erosion.  
*\$4,805,456*

**Ducks Unlimited**  
Forested Wetland Restoration and Enhancement (AR, LA, MS)  
Restore bottomland hardwood forest through plantings and improve existing forest habitat through forest treatments on private lands and enhance wetland hydrologic function on public and private land in the Mississippi Alluvial Valley in Arkansas, Louisiana and Mississippi. Project will impact a total of 1,900 acres of forest and wetland habitat benefiting waterfowl and neotropical migratory birds.  
*\$249,303*

**Ducks Unlimited**  
West Barataria Basin Evaluation and Design (LA)  
Assess and design sites within the western portion of the Barataria Basin for ridge restoration, marsh creation, living shoreline and earthen terraces to determine restoration feasibility and develop preliminary designs. Project will advance designs for coastal restoration to improve habitat for fish and wildlife and enhance storm protections for coastal communities in Louisiana.  
*\$650,000*

**Forest Landowners Association**  
Engaging Private Forest Landowners to Restore Longleaf Pine (multiple states)  
Restore and maintain longleaf pine habitat and promote the collaborative conservation of at-risk species on private lands across the historical longleaf pine range. Project will provide financial assistance to private landowners to establish and maintain longleaf pine habitat, support continued engagement with the U.S. Fish and Wildlife Service in the Southeast Region to advance at-risk species recovery and develop new online tools to engage landowners in collaborative conservation efforts.  
*\$1,685,000*

**Grand Isle Independent Levee District**  
Designing Marsh Rehabilitation Plans on Fifi Island (LA)  
Create preliminary designs to nourish up to 371 acres of marsh protected by rock dikes on Fifi Island. Project will enhance habitat for threatened birds including the black rail and seaside sparrow, fish and mitigate wave energy during storms on Grand Isle.  
*\$614,021*

**Jefferson Parish Coastal Management**  
Constructing Marsh Terraces in Upper Barataria Basin of Jefferson Parish (LA)  
Restore 450 acres of former brackish marsh habitat by constructing 33,000 linear feet of marsh terraces from on-site material and stabilized with native marsh vegetation. Project will employ terrace platforms to capture sediments, protect critical habitat from wind and wave erosion and increase resiliency to coastal storms.  
*\$2,489,500*

**Lafourche Parish Government**  
Removal of Marine Debris from Hurricane Ida within the Barataria-Terrebonne National Estuary (LA)  
Remove vegetative and man-made marine debris from Bayou Boeuf, Dixie Canal, Halpin Canal and Leeville related to Hurricane Ida. Project will restore waterways to pre-Ida conditions and reestablish the critical functions including drainage, navigation, recreation and support of surrounding wetland habitats.  
*\$570,031*

**Louisiana Coastal Protection and Restoration Authority**  
Breton Landbridge Marsh and Living Shoreline Creation (LA)  
Restore marsh habitat on the south rim of Grand Lake to create and nourish tidal marshes that provide important habitat for fish and wildlife and provide natural storm buffers for communities. Project will reestablish a more robust landmass between River aux Chenes and Lake Lery as part of a long-range restoration plan for enhancing the resilience of communities and ecosystems in coastal Louisiana.  
*\$7,709,836*

**Louisiana Coastal Protection and Restoration Authority**  
Designing Central Wetlands Hydrologic and Habitat Restoration (LA)  
Complete the design phase for the Central Wetlands Restoration Project to alleviate impoundment and increase freshwater and sediment input, allow for planting of native vegetation and identify opportunities for partner restoration activities on nearly 16,000 acres of marsh habitat. Project will conduct necessary site investigations and complete plans, maps, drawings, specifications and other documents needed for permitting and bid.  
*\$947,323*

**Lower Mississippi River Conservation Committee**  
Improving Aquatic Habitat Connectivity in the Lower Mississippi River (AR, LA, MS, TN)  
Restore 300 acres and 1.5 miles of secondary channel habitat, install woody debris traps in previously connected secondary channels to increase biological diversity and ecosystem function, providing structure diversity for healthy river indicator aquatic insects. Project will focus on biotic monitoring of gar species abundance at three study sites.  
*\$200,000*

**Manomet**  
Capacity Building and Technical Assistance to Farmers for Shorebirds of Wetlands (LA)  
Increase capacity and technical assistance for farmers and land managers within the Working Lands for Wildlife Louisiana Wetlands Shorebird initiative. Project will increase delivery of improved habitat provisioning, expand the initiative to include a wider variety of practices, target outreach to historically underserved communities and enhance International Shorebird Survey monitoring to measure the response to practice implementation.  
*\$217,575*

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
*\$135,000*

**Mississippi River Trust**  
Forested Wetlands Enhancement on Private Lands in the Lower Mississippi Alluvial Valley (AR, LA, MS)  
Enhance forest health and wildlife habitat on lands enrolled in the USDA’s Agricultural Conservation Easement Program-Wetlands Reserve Easement Program in the Lower Mississippi Alluvial Valley of Arkansas, Louisiana and Mississippi. Project will protect 700 acres through voluntary easements, improve management on and restore 1,000 acres and provide outreach and education for landowners for the management of WRE forests, benefiting waterfowl, forest birds and the Louisiana black bear.  
*\$363,000*

**Mississippi Department of Wildlife, Fisheries and Parks**  
Enhancing Fire-Dependent Plant Communities in the East Gulf Coastal Plain Habitats (AL, LA, MS)  
Improve resilience of 90,000 acres of fire-dependent habitats, including piney woods, blackland prairie and loess bluffs ecosystems through restoration, habitat management, invasive plant species control, revegetation, cost-sharing, outreach and training. Project will restore ecosystem services and increase capacity in the East Gulf Coastal Plains while strengthening partnerships with stakeholders, private industry and the public.  
*\$4,330,059*

**National Audubon Society**  
Enhancing Resiliency of the Rainey Conservation Alliance Landscape (LA)  
Complete final design to restore approximately 5,000 acres of wetlands in coastal Vermilion Parish by addressing the direct stressor of saltwater intrusion through hydrologic design and marsh creation. Project will advance efforts to restore wetlands to enhance the resilience of communities and critical habitats that provide important economic, ecosystem and risk-reduction benefits.  
*\$489,743*

**National Wild Turkey Federation**  
Restoring and Enhancing Longleaf Pine on Public and Private Lands (LA)  
Establish or enhance 5,700 acres of longleaf pine to improve habitat for the Louisiana pine snake and red-cockaded woodpecker in west-central Louisiana, anchored by Fort Polk and Kisatchie national forests. Project will provide financial assistance to plant new longleaf forests and enhance existing longleaf habitat with prescribed fire, as well as support landowner outreach and technical assistance through field days and development of forest management plans.  
*\$350,000*

**North Carolina State University**  
Increasing Prescribed Burning Capacity in the South (multiple states)  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species including Bachman’s sparrow and northern bobwhite.  
*\$240,000*

**The KKAC Organization**  
Engaging Underserved Landowners in Forest Restoration in the Mississippi Alluvial Valley (AR, LA, MS)  
Provide outreach and technical assistance to historically underserved landowners in the Mississippi Alluvial Valley to voluntarily restore or enhance 250 acres of forest habitat, with a focus on increasing enrollment in the USDA’s Wetland Reserve Easement program, benefiting swamp rabbit and forest birds. Project will engage at least 30 landowners through workshops and other outreach efforts and will provide opportunities for young people to engage in conservation.  
*\$250,000*

**The Longleaf Alliance**  
Advancing Longleaf Pine Restoration and Seedling Capacity (multiple states)  
Coordinate longleaf pine restoration across the South and address limitations to longleaf seedling quality and quantity by establishing a longleaf pine tree improvement program focused on improving longleaf genetics, expanding seed collection capacity and supporting nursery seedling capacity expansion within the historical longleaf pine range. Project will produce 20 million longleaf pine seedlings and support the coordination of 18 longleaf implementation teams implementing longleaf restoration.  
*\$4,250,000*

**The Longleaf Alliance**  
Restoring Longleaf Habitat and Accelerating At-Risk and Listed Species Recovery (GA, LA, SC, TX)  
Advance longleaf ecosystem restoration and recovery of several at-risk and listed species in Alabama, Georgia, Louisiana, Mississippi and South Carolina. Project will restore and enhance more than 2,000 acres of longleaf pine habitat through longleaf plantings, prescribed burning and other management practices and accelerate species recovery by improving resiliency through captive rearing and reintroduction of the at-risk gopher frog and translocation of the federally endangered red-cockaded woodpecker to suitable habitat.  
\$500,000

MAINE

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
\$339,525

**Downeast Salmon Federation**  
Enhancing the Resilience of Coastal Downeast Maine through Saltmarsh Restoration  
Complete final design and permitting for three large saltmarsh restoration projects in Downeast Maine to reduce impacts of sea-level rise and storm events. Project will conduct ecological assessments and advanced hydrological modeling to ready each restoration site for implementation, enhancing the resiliency of two coastal Maine communities.  
\$1,745,720

**Gulf of Maine Research Institute**  
Developing Coastal Flooding Projections (ME)  
Develop a hub for sea-level rise and flooding datasets along the coast of Maine that includes asynchronous educational materials and in-person trainings. Project will support ongoing regional planning efforts to provide the technical foundation for prioritizing nature-based solutions to enhance the resilience of Maine’s coastal communities, environments and infrastructure.  
\$162,953

**Gulf of Maine Research Institute**  
Scaling Innovations for Maximized Retention Electronic Monitoring in New England (MA, ME, NH, RI)  
Transition dockside monitoring to a third-party provider model, develop standards that allow for technical innovations in dockside monitoring and develop electronic infrastructure to support timely catch accounting. Project will convene industry members, including seafood dealers, to improve dockside monitoring and support regional uptake of electronic monitoring.  
\$356,374

**Kennebec Estuary Land Trust**  
Assessing Tidal Restriction Restoration (ME)  
Evaluate more than 150 Kennebec Estuary tidal crossing sites for habitat restoration potential, community resilience needs and project feasibility. Project will engage with local road managers and conservation experts to establish metrics for site evaluation, develop helpful fact sheets for each crossing and identify a subset of priority crossings for additional fieldwork to develop a pathway forward for project work and funding plans.  
\$249,820

**Kennebec Estuary Land Trust**  
Restoring Tidal Marsh to Enhance Community and Habitat Resilience (ME)  
Restore 99 acres of brackish tidal marsh and construct a new tidal channel for fish passage to benefit river herring, striped bass and shortnose sturgeon in Back River Creek. Project will create a new tidal channel opening and remove an earthen berm from the marsh surface to make the town and its water utility infrastructure more resilient to sea-level rise.  
\$3,506,434

**Maine Department of Marine Resources**  
Improving Connectivity for Sea-Run Fish (ME)  
Expand aquatic connectivity for river herring and other at-risk species and enhance watershed health and local economic vitality in the St. Croix River and the Bay of Fundy. Project will significantly improve fish passage in historic spawning habitat and continue collaboration between federal agencies, Tribal nations, Maine and other partners.  
\$5,000,000

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
\$135,000

**Marine Mammals of Maine**  
Response Support for the Northeast Pinniped Unusual Mortality Event (ME)  
Support for response activities provided under the Northeast Pinniped Unusual Mortality Event in Maine. Project will restock diminished supplies and increase grantee capacity to handle stranding events in the future.  
\$54,179

**New England Forestry Foundation**  
Restoring Acadian Forest Habitat through Training of Natural Resource Professionals (ME)  
Implement habitat restoration in the Mountains of the Dawn of western Maine through the training of natural resource professionals to integrate landscape-scale habitat restoration into the existing forest management paradigm. Project will restore diverse forest habitats on a minimum of 5,000 acres and work to improve forest conditions and wildlife habitat and protect water quality through innovative management at a landscape scale.  
\$320,000

**Teem Fish Monitoring**  
Using Artificial Intelligence to Automate New England Groundfish Discard Data Collection (MA, ME, NH, RI)  
Evaluate existing artificial intelligence tools for their ability to automate collection of discard information from electronic monitoring video in the New England groundfish fishery. Project will train and validate artificial intelligence models to perform species identification, fish counts and length measurements for discarded fish, with the intention of reducing video review times and associated costs.  
\$159,571

**Wildlife Management Institute**  
Restoring Riparian Habitat through Alder Regeneration in Northern New Hampshire  
Regenerate patches of degraded speckled alder habitat in riparian corridors in large forest blocks throughout northern New Hampshire and provide technical assistance including forest management plans to private landowners across the region. Project will improve management on 100 acres of young forest habitat and restore 10 miles of forested riparian buffers that serve as key riparian corridors that support breeding habitats for American woodcock and other young forest dependent species.  
\$209,295

MARYLAND

**Alliance for the Chesapeake Bay**  
Accelerate the Implementation and Restoration of Riparian Forest Buffers (MD, PA)  
Utilize state and local partnerships to accelerate the implementation and restoration of riparian forest buffers in Maryland and Pennsylvania. Project will address the specific conservation needs of farmers and prioritize best management practices that reduce nutrient and sediment pollution runoff, restore riparian forest habitat, improve the instream habitat and contribute to the overall sustainability of the farms.  
\$646,754

**Alliance for the Chesapeake Bay**  
Natural Resource Management Planning and Habitat Restoration (MD)  
Restore degraded habitat for imperiled species and develop a natural resources master plan for Bowie State University-owned woodlands and wetlands and natural resource management areas adjacent to the University’s main campus. Project will engage students through internships and entry level jobs, guided field experiences and course integration.  
\$579,577

**Atlantic Soybean Council**  
Advancing Farmers for Soil Health in the Atlantic Region (DE, MD, NY, PA, VA)  
Combine regional conservation agronomy expertise with state and local level support to further advance cover crops in the Atlantic region. Project will result in 23,000 new acres of cover crops on soy/corn acres improving soil health in Delaware, Maryland, New York, Pennsylvania and Virginia and contributing to improved nutrient management in the Chesapeake watershed.  
\$1,000,000

**Backyard Basecamp**  
Implementing Nature-Based Stormwater Solutions in Underserved Communities (MD)  
Implement nature-based stormwater solutions and enhance stream daylighting in order to build resilience to flooding within Baltimore’s underserved communities. Project will treat runoff while improving water quality, provide the community with access to a clean stream, create wildlife habitat and plant native vegetation.  
\$984,883

**Baltimore County**  
Developing Climate Resilience Roadmap (MD)  
Develop a Climate Resilience Roadmap for Turner Station that incorporates green stormwater solutions to improve aquatic habitat and community resilience. Project will prioritize community-centered engagement through small working groups and surveys to understand future coastal hazards and identify resilience priorities.  
\$500,000

**Baltimore Green Space**  
Engaging Underserved Communities to Enhance Habitat for Pollinator Species (MD)  
Expand habitat for imperiled pollinators and gather data on bumble bees as an indicator species across twelve properties in Baltimore. Project will engage underserved communities in this work by providing site leaders, community partners and other stakeholders with education and technical assistance to support pollinator habitats.  
\$74,999

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
\$339,525

**College of William and Mary, Virginia**  
Institute of Marine Science  
Increasing User Base for RecFish (DC, MD, VA)  
Expand participation and awareness of the RecFish mobile application, demonstrate the value of the application to state government partners and continue refining the application to meet the needs of recreational anglers interested in recording and contributing their data. Project will draw potential users to the application through a social media campaign and grow the user base.  
\$271,244

**Delmarva Poultry Industry**  
Sustainable Chicken Farming Practices in the Delmarva Peninsula (DE, MD, VA)  
Create cost-share programs to accelerate the adoption of sustainable and resilient chicken farming practices in Maryland and Virginia’s Delmarva Peninsula. Project will improve riparian buffers, precision nutrient management, conservation drainage and litter management.  
\$997,327

**Ducks Unlimited**  
Establishing a Conservation Initiative within a High-Priority Area of Wetland Habitats (MD)  
Deliver three wetland restoration projects totaling at least 20 acres in coordination with multiple landowners. Project will lay the foundation for a strong, targeted conservation initiative in a high-priority area that is primed for protection and restoration.  
\$124,970

**Ducks Unlimited**  
Working Lands for Wildlife Black Duck Partnership (DE, MD, NJ, VA)  
Advance on-the-ground delivery, help with project designs and conduct outreach to new landowners to implement the Working Lands for Wildlife Black Duck program across applicable Delmarva and New Jersey wetlands. Project will lead to restoration of high-quality wetland habitat while concurrently building relationships with local landowners to foster further investment in conservation.  
\$348,316

**Earth Conservation Corps**  
Utilizing Partnerships to Restore the Noonan’s Run Tributary of the Little Patuxent River (MD)  
Work with partners to restore 2,500 feet of an unnamed tributary, commonly known as Noonan’s Run, of the Little Patuxent River. Project will enhance habitat for several species of endangered birds, dragonflies and freshwater mussels and also work with AmeriCorps members to provide underserved youths with hands-on experiences and pathways to pursue green careers.  
\$74,892

**Harford County**  
Eden Mill Dam Eel Ladder and Aquatic Connectivity Outreach (MD)  
Increase American eel populations beyond the Eden Mill Dam in Deer Creek and serve as a hands-on community outreach tool to educate the public about the importance of fish passages. Project will design and install an eel ladder that will result in opening over 110 miles of American eel habitat.  
\$80,000

**Indiana University of Pennsylvania**  
Research Institute  
Managing Forests to Restore Diverse Habitats through Public-Private Partnerships (MD, PA)  
Implement forest management plans that create habitat for forest bird species on state-owned and private lands. Project will develop a dynamic forest management plan, implement forest management practices in five established dynamic forest blocks and promote market-based incentives for private landowners to practice oak silviculture.  
\$500,000

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
\$135,000



**Maryland Association of Soil Conservation Districts**  
Accelerating the Implementation of Nature-Based Structural Practices (DE, MD)  
Conservation districts will partner with public drainage organizations and landowners to accelerate the implementation of nature-based structural practices in the Delmarva Peninsula. Project will implement non-tidal wetland restoration, floodplain reconnection, shoreline management and riparian buffers while also hosting a series of workshops, field days and webinars for stakeholders.  
\$983,486

**Maryland Department of Natural Resources**  
Promote the Passage of Anadromous Fish Species and Prevent Spread of Invasive Fish Species (MD)  
Develop a technical design document that will highlight the infrastructure needed for researching risk-based conservation strategies. Project will result in a plan that will support the upstream passage of anadromous fish species and prevent the upstream spread of invasive fish species.  
\$74,990

**National Aquarium**  
Expanding Community Engagement and Habitat Connectivity in Baltimore (MD)  
Partner to implement a co-creative community engagement plan focused on habitat restoration, stewardship, community science and meaningful education programming. Project will establish an 8,000-square-foot floating wetland habitat featuring a live oyster reef and pilot a network for native seed collection in support of Maryland’s 5 million trees initiative.  
\$232,658

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
\$149,940

**National Audubon Society**  
Building Capacity for Tidal Marsh and Sand Island Restoration on Maryland’s Eastern Shore  
Create restoration and resilience plans for tidal marsh habitat, across three counties of Maryland’s Eastern Shore. Project will yield a sequenced pipeline of restoration projects that, when implemented, will restore thousands of acres tidal marsh to benefit saltmarsh sparrow and other obligate birds and improve community resilience.  
\$416,795

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
\$178,827

**National Wildlife Federation**  
Innovative Nearshore Ecosystem Restoration at a Deep-Water Post-Industrial Site (MD)  
Restore a deep-water post-industrial waterfront by greening vacant lots and creating an innovative living shoreline and stormwater step pool system, which will enhance community resilience and benefit endangered, threatened and declining species in the Chesapeake Bay. Project will utilize nature-based solutions to create ideal intertidal, freshwater marsh and submerged aquatic vegetation habitats that will enhance flood protections for the community and reduce stormwater pollution.  
\$2,505,496

**Nepali American Cultural Center of Baltimore**  
Restoring and Enhancing the Nepali American Cultural Center’s Green Infrastructure (MD)  
Develop a comprehensive plan that will restore and enhance the Nepali American Cultural Center’s green infrastructure and resilience. Project will create designs for stormwater management facilities, removal of impervious surfaces, underground cisterns for rainwater harvesting, reforestation, meadows and a native tree nursery.  
\$75,000

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
\$641,353

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
\$194,552

**Susquehannock Wildlife Society**  
Developing a Conservation Management Plan for Wood Turtles (MD)  
Use radio telemetry monitoring surveys of current wood turtle populations to better understand their habitat use and range. Project will host events to educate the public and develop a conservation management plan using collected data to highlight important habitat features and how they may be improved.  
\$75,000

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
\$153,828

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
\$694,712

**The Nature Conservancy**  
Advancing Oyster Restoration with Shellfish Growers in New England, Mid-Atlantic and West Coast (multiple states)  
Deploy 2.5 million adult, diploid oysters grown by farmers to recruitment limited restoration sites throughout New England, Mid-Atlantic and West Coast regions to enhance 29.5 acres of oyster reefs. Project will improve water quality, rebuild marine habitat, advance shoreline protection and provide economic benefits to coastal communities.  
\$2,999,514

**The Nature Conservancy**  
Utilizing the Delmarva Wetland Partnership to Address Barriers Inhibiting Wetland Restoration (DE, MD, PA)  
Address barriers inhibiting wetland restoration in parts of the Chesapeake Bay watershed in Delaware, Maryland and Pennsylvania. Project will add capacity to design restoration projects, provide project management support, provide support to landowners to offset the rising costs of restoration and implement over 600 acres of wetland restoration and 46 acres of associated upland buffers.  
\$997,612

**University of Maryland**  
Designing a Resilience Action Plan for Maryland’s Coastal Communities  
Design a resilience action plan for eight coastal Maryland communities to identify and prioritize a set of nature-based solutions that will improve resilience to coastal hazards. Project will evaluate capacity and readiness of the communities to adapt and connect each community to partners that can expand capacity or support implementation.  
\$513,533

**Virginia Polytechnic Institute and State University**  
Developing and Implementing Black Duck Habitat Monitoring for the Chesapeake Bay  
Work with project partners including Ducks Unlimited and The Nature Conservancy to identify four to five wetland restorations sites in northern Maryland and southern Delaware containing emergent herbaceous freshwater and saltwater marsh for surveying black duck habitat use.  
\$91,077

**Wildlife Habitat Council**  
Five Star and Urban Waters Program Support - IV  
Support programmatic outcomes of the Five Star and Urban Waters Program, including expert proposal review, performing site visits, answering applicant inquiries and supporting engagement efforts with webinars and technical assistance to grantees.  
\$50,000

MASSACHUSETTS

**Association to Preserve Cape Cod**  
Preliminary Design Planning for Tidal Restoration at Weir Creek (MA)  
Complete preliminary design plans for tidal restoration of Weir Creek to improve upstream saltmarsh habitat and reduce impacts of flooding. Project will engage the community for input on the design process that will include a hydraulic and hydrologic study and analysis of culvert design alternatives.  
\$279,271

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
\$339,525

**City of Easthampton**  
Upgrading Wastewater Treatment to Improve Water Quality in Long Island Sound (MA)  
Replace mechanical aerators and modify the secondary aeration system at the Easthampton Wastewater Treatment Plant in Massachusetts. Project will eliminate 12,240 pounds of nitrogen annually discharged from the plant into the Connecticut River and downstream to the Long Island Sound.  
\$883,475

**Connecticut River Watershed Council, Connecticut River Conservancy**  
Riparian Buffer Restoration Efforts for Turtles and Priority Species (CT, MA, VT, NH)  
Plant forested riparian buffers on privately owned sites in federal, state and local priority areas in Connecticut, Massachusetts, Vermont and New Hampshire. Project will plant 6,000 trees on 10 sites, restore 2.5 miles of forested buffers and restore 15 acres of agricultural field buffers to improve water quality and enhance the long-term persistence of native aquatic species, including eastern brook trout, diadromous fishes and spotted turtle, Blanding’s turtle and wood turtle.  
\$158,706

**Ducks Unlimited**  
Restoring Saltmarsh Habitat (MA)  
Restore 1,600 acres of critical tidal marsh at Great Marsh and Parker River national wildlife refuges to benefit saltmarsh sparrow, American black duck, red knot, Atlantic sturgeon and soft shell clams. Project will provide critical habitat and increase stormwater retention, flood abatement, storm surge attenuation and carbon sequestration capabilities.  
\$3,033,425

**Franklin Regional Council of Governments**  
Design and Permitting of Nitrogen Pollution Prevention Projects (MA)  
Develop standardized designs and an associated permitting pathway for river restoration projects in Franklin County, Massachusetts. Project will foster the implementation of nature-based projects that can prevent and reduce nitrogen and sediment loading in the Connecticut River and downstream to Long Island Sound.  
\$475,257

**Groundwork Lawrence**  
Restoring Merrimack River Trail Habitat through Stewardship and Youth Education (MA)  
Remove invasive species, implement green infrastructure on 3 acres to intercept stormwater runoff and develop an interpretive nature trail connection to the Merrimack River Trail in Riverfront State Park on the Merrimack River watershed in Lawrence, Massachusetts. Project will improve habitat, plant native trees, shrubs and wetland plants, install interpretive signage and reduced erosion along the trail and riverbank with the introduction of a green infrastructure rain garden.  
\$25,850

**Gulf of Maine Research Institute**  
Scaling Innovations for Maximized Retention Electronic Monitoring in New England (MA, ME, NH, RI)  
Transition dockside monitoring, an important component of retention based electronic monitoring, to a third-party provider model, develop standards that allow for technical innovations in dockside monitoring and develop electronic infrastructure to support timely catch accounting. Project will convene industry members, including seafood dealers, to improve dockside monitoring and support continued regional uptake of electronic monitoring.  
\$356,374

**Housatonic Valley Association**  
Collaborating to Reduce Pollution on Farms in the Upper Housatonic Watershed (CT, MA, NY)  
Support development of on-farm collaborative conservation plans in the Upper Housatonic watershed in Connecticut, Massachusetts and New York. Project will set the stage for actions to reduce nitrogen and other pollution from upstream agricultural operations which effect downstream Long Island Sound.  
\$193,931

**Massachusetts Division of Fisheries and Wildlife**  
Southeastern Massachusetts Pine Barrens Landscape Restoration and Community Engagement Initiative  
Restore the site of a former cranberry bog; expand aquatic connectivity and riparian habitat; build ecosystem resilience of pine barrens, woodlands, shrublands and sandplain grasslands; and improve ecological function of coastal plain pondshores. Project will engage landowners and collaborate with the Mashpee Wampanoag Tribe and other partners to complete large-scale restoration and build capacity for future conservation throughout the imperiled southeastern pine barrens of Massachusetts.  
\$4,900,000

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
*\$135,000*

**Massachusetts Audubon Society**  
Building Capacity for Saltmarsh Restoration to Enhance Community Resiliency (MA)  
Build capacity among Cape Cod municipalities to implement saltmarsh restoration by assessing restoration feasibility, providing training on saltmarsh restoration, designing projects and working with municipalities to implement restoration on demonstration sites. Project will help build capacity for underserved communities that need assistance to progress conservation and community resilience initiatives.  
*\$885,817*

**Massachusetts Division of Fisheries and Wildlife**  
Protecting Saltmarsh Sparrows and Great Marsh Communities through Saltmarsh Restoration (MA)  
Complete final designs and permitting for Great Marsh restoration in Massachusetts. Project will, once implemented, restore 3,278 acres of saltmarsh through nature-based techniques, removal of two tidal restrictions, reversing saltmarsh subsidence and maintaining high marsh to improve coastal resilience.  
*\$795,001*

**Mystic River Watershed Association**  
Belle Isle Marsh Conservation, Stewardship and Education (MA)  
Support and expand monitoring of the saltmarsh sparrow in Belle Isle Marsh, the last remaining saltmarsh in Boston Harbor, contributing to vital efforts to preserve the species in the face of extinction caused by sea-level rise. Project will remove invasives on 2 acres, engage 200 volunteers and support educational programs with 480 students to build awareness of saltmarsh ecology.  
*\$43,093*

**North Brookfield Sewer Commission**  
Upgrading Wastewater Treatment Facility to Improve Water Quality (MA)  
Install nitrogen sensors to improve the operation of the wastewater treatment process at the North Brookfield Wastewater Treatment Facility in Massachusetts. Project will eliminate 1,668 pounds of nitrogen annually discharged from the facility into the Connecticut River and downstream to Long Island Sound.  
*\$208,332*

**Teem Fish Monitoring**  
Using Artificial Intelligence to Automate New England Groundfish Discard Data Collection (MA, ME, NH, RI)  
Evaluate existing artificial intelligence tools for their ability to automate collection of discard information from electronic monitoring video in the New England groundfish fishery. Project will train and validate artificial intelligence models to perform species identification, fish counts and length measurements for discarded fish, with the intention of reducing video review times and associated costs.  
*\$159,571*

**The Nature Conservancy**  
Advancing Oyster Restoration with Shellfish Growers in New England, Mid-Atlantic and West Coast (multiple states)  
Deploy 2.5 million adult, diploid oysters grown by farmers to recruitment limited restoration sites throughout New England, Mid-Atlantic and West Coast regions to enhance 29.5 acres of oyster reefs. Project will improve water quality, rebuild marine habitat, advance shoreline protection and provide economic benefits to coastal communities.  
*\$2,999,514*

**The Nature Conservancy in New Hampshire**  
Designing for a Resilient Future in the Merrimack River Watershed (MA, NH)  
Design an innovative and equity-based conservation plan to meet the needs of nature and people in the Merrimack River watershed. Project will engage nontraditional partners to identify and prioritize conservation targets that meet biodiversity and climate adaptation needs and advance nature-based solutions benefiting local communities.  
*\$360,387*

**The Trustees of Reservations**  
Building Beach and Saltmarsh Resilience to Protect Island Communities (MA)  
Develop feasibility and preliminary designs for three vulnerable barrier beach and saltmarsh sites in Nantucket and Martha’s Vineyard. Project will assess several nature-based interventions and support community engagement to determine the preferred approach to protecting habitat and community infrastructure.  
*\$368,084*

**Virginia Polytechnic Institute and State University**  
Preventing Human Disturbance of Atlantic Flyway Shorebirds - IV (multiple states)  
Expand implementation and assessment and disseminate human behavior change strategies through the completion of pilot projects in Georgia, Connecticut, New York and South Carolina and the establishment of new projects at additional sites to address human disturbance to shorebirds – primarily red knot, American oystercatcher and whimbrel. Project will develop impactful, scalable conservation strategies that can be applied along the Atlantic coast to reduce disturbance leading to improved shorebird survival and reproductive success.  
*\$200,000*

**Woodwell Climate Research Center**  
Assessing Saltmarsh Habitat Resilience through Pool Remediation (MA)  
Conduct site assessment and design for restoring and improving drainage in saltmarshes to enhance the resilience of Waquoit Bay habitats and the surrounding community. Project will advance work to slow vegetation loss, improve ecosystem services and inform best management practices for marsh restoration and will strengthen regional restoration networks that include communities within Mashpee that have cultural heritage ties to the marshes.  
*\$314,904*

MICHIGAN

**Benton Harbor City**  
Restoring Ox Creek Stream and Wetland Habitat at Hall Park (MI)  
Improve water quality and enhance habitat for priority species by reducing runoff from neighboring uses. Project will restore 2,640 feet of stream and 10 acres of floodplain and wetland along Ox Creek.  
*\$600,000*

**Berrien County Conservation District**  
Engaging Rural Landowners in Sustainable and Regenerative Agriculture (MI)  
Hire new technician to connect with previously established landowners, connect with 700 participants through field days and educational workshops, plant 200 acres of trees, cover 1,200 acres of managed grazing and avoid 60,000 pounds of phosphorus and 40,000 pounds of nitrogen. Project will expand farmer involvement in regenerative agricultural practices to improve soil health and water quality through a holistic management approach in Berrien and Cass counties, Michigan.  
*\$247,533*

**Calvin College**  
Implementing Green to Connect Urban and Upstream Communities (MI)  
Implement green stormwater infrastructure and restore native habitats within Plaster Creek watershed to improve urban stream habitat in Kent County. Project will reduce total maximum daily load of pollutants, capture 86,000 gallons of stormwater annually, plant 500 trees and create a biodiverse pocket of native habitat in environmental neighborhoods.  
*\$674,817*

**Chandler Park Conservancy**  
Installing Rain Gardens in Chandler Park (MI)  
Install rain gardens and bioswales in Chandler Park to capture 225,000 gallons of runoff annually to reduce flooding. Project will reduce the volume of stormwater entering Detroit’s combined sewer system and build off park efforts to improve greenspace and habitat for communities.  
*\$311,482*

**Clinton Conservation District**  
Increasing Farmer Participation and Novel Conservation Practices (MI)  
Hire a new technician to work with landowners to create monthly local farmer-led workgroups, 90 completed certified conservation practices and bring 10,000 acres under improved management to improve soil and water quality by preventing phosphorus, nitrogen and sediment runoff. Project will implement peer-to-peer farmer-led groups and Natural Resource Conservation Service Farm Bill programs in the Upper Looking Glass Watershed, Michigan.  
*\$241,200*

**Conservation Resource Alliance**  
Enhancing Floodplain Connectivity at Mitchell Creek Watershed (MI)  
Create 275 linear feet of new brook trout habitat, improve over 4,400 linear feet of stream, open 6.5 miles of habitat and restore 77 acres of riparian wetland. Project will restore floodplain connectivity and improve geomorphic function via channel re-meanderings to restore riparian wetland and vegetation in a small coastal tributary in Lake Michigan to benefit brook trout.  
*\$250,000*

**Corn Marketing Program of Michigan**  
Cover Crops to Improve Soil Health (MI)  
Provide hands-on educational opportunities and outreach on cover crop implementation and overcoming barriers to adoption for Michigan farmers, including young and special emphasis farmers and technical advisors. Project will couple farmer-led experiences with structured training, ultimately increasing long-term cover crop adoption on Michigan corn, soybean and pork farms and thereby enhancing soil health and conservation outcomes.  
*\$161,502*

**Corn Marketing Program of Michigan**  
Expanding Cover Crop Technical Assistance with Farmers for Soil Health (MI)  
Expand technical assistance for Michigan farmers and overcome barriers to cover crop adoption on corn and soybean acres. Project will support 200 farmers in establishing cover crops on 55,000 acres.  
*\$900,000*

**County of Ottawa**  
Assessing Nature-Based Solution to Enhance the Grand River Coastal Corridor (MI)  
Conduct site assessment and preliminary design to restore habitat on 200 acres in northwest Ottawa County through natural features inventory and analysis, feasibility determination and cost estimating of potential nature-based solutions. Project will improve resilience and habitat in historically degraded lowland and shoreline areas.  
*\$275,000*

**Detroit Audubon Society**  
Community Greenspace and Meadow Restoration for Birds and Pollinators (MI)  
Transform unmaintained Detroit city parks into community greenspaces with meadow habitat consisting of native flowers and grasses beneficial to birds and pollinators. Project will continue outreach and education in the communities around each Detroit Bird City park and create 23.6 acres of meadow habitat, providing ecological functions such as stormwater capture, carbon sequestration and air and water pollution mitigation.  
*\$50,000*

**Ducks Unlimited**  
Building Wetland and Wildlife Capacity (MI)  
Restore 1,500 acres of wetland, 450 acres of grassland and remove 1 million pounds of nitrogen and 54,874 pounds of phosphorus annually. Project will support wetland and wildlife trainings and outreach to interested landowners to help develop conservation plans and select government cost-share programs.  
*\$347,560*

**Fond du Lac Band of Lake Superior Chippewa**  
Maajii-akii-gikenjigewin: Launching an Indigenous Young Adult Conservation Crew (MI, MN, WI)  
Build a young adult Indigenous Conservation Crew (Maajii-akii-gikenjigewin crew) to support existing and future on-the-ground management plans on Fond du Lac Reservation. Project will conduct 34 monitoring studies and restore 100 acres through locally led conservation efforts that respect Tribal sovereignty and cultural knowledge while allowing young adults to gain skills and experience in land stewardship practices to prepare them for careers in the natural resource field.  
*\$218,780*

**Friends of the Rouge**  
Enhancing Green Stormwater Infrastructure for Public Spaces in Southeast Michigan  
Enhance existing public spaces in underserved communities using placemaking strategies including bioretention features to create habitat and control stormwater runoff, while building capacity for municipalities to expand green stormwater infrastructure in public spaces. Project will build 6,150 square feet of bioretention with amenities and launch an integrated series of engagement activities designed to reduce barriers adopting green stormwater infrastructure in public spaces.  
*\$316,021*

**Great Lakes and St. Lawrence Cities Initiative**  
Advancing Priority Coastal Resilience Projects in Great Lakes Shoreline Communities (MI, WI)  
Advance projects to strengthen coastal resilience utilizing nature-based solutions to restore habitat in shoreline communities. Project will advance five projects through site assessment and 30% designs while expanding stakeholder engagement and showcasing demonstration sites to cities across the region.  
*\$999,996*

**Huron Pines Resource Conservation and Development Council**  
Restoring Imperiled Habitats of Northeast Michigan to Benefit Terrestrial and Aquatic Species  
Treat over 700 previously managed acres, enhance 80 acres via native vegetation and restore more than 150 acres of land and 800 acres of wetland to sustain diverse benefits for land, water and wildlife. Project will restore six sites on protected lands to benefit the wildlife species that rely on them and secure ecosystem services such as water quality and wetland carbon storage.  
*\$434,314*

**Legacy Land Conservancy**  
Opening Public Access and Restoring Habitat at the Kolon-Baki Nature Preserve (MI)  
Remove invasive species and prepare a management plan to restore habitat and open public access to the Kolon-Baki Nature Preserve, a rolling oak-hickory forested property featuring intermittent wetlands and remnant fen habitat. Project will restore approximately 55 acres of habitat to increase carbon sequestration, climate resiliency and stewardship opportunities in southeast Michigan.  
*\$150,000*



**Macomb County Public Works Office**  
**Redesigning Sterling Relief Drain (MI)**  
Redesign the Sterling relief drain corridor in Macomb County by creating an additional 1.5 miles of diverse native habitat to reduce, slow and filter stormwater from an urban drained. Project will restore 40 acres of habitat, plant over 900 trees, 12,000 native perennials, pollinator plugs and shrubs, as well as over 200 pounds of native, pollinator seed to capture and infiltrate an estimated 28 million gallons of urban runoff annually.  
*\$415,500*

**Michigan Department of Natural Resources**  
**Final Design of Saginaw Bay Habitat and Sediment Transport Reef System (MI)**  
Complete final design and permitting for reef habitat restoration system in near-shore areas of Saginaw Bay. Project will, once implemented, support three-reef system designs to reduce impacts of coastal flooding.  
*\$125,000*

**Michigan Department of Natural Resources**  
**Reclaiming Resilience and Removing Barriers to Aquatic Organism Passage (MI)**  
Remove 27 stream barriers located in fourteen Michigan counties to restore aquatic organism passage for at-risk species including Eastern Massasauga rattlesnake, pickerel frog and flutedshell and elkhorn freshwater mussels. Project will reconnect nearly 200 upstream miles of rivers and streams and improve climate resiliency, riverine connectivity, aquatic organism passage and eliminate public safety risks.  
*\$5,000,000*

**Michigan State University**  
**Restoring Wetland and Terrestrial Habitat to Improve Green Spaces and Water Quality (MI)**  
Redefine wetland elevation contours, connect and restore wetland systems, modify subsurface drain tiles, daylight an ephemeral stream channel and promote natural path connectivity through development of culverts. Project will development of 12 acres of wet meadow and oxbow wetlands, 7 culvert improvements, 6 acres of reforestation buffer and 9 acres of spoil and prairie restoration along a mile of Gilkey Creek in the post-industrial Flint area in Michigan.  
*\$815,736*

**Michigan Trout Unlimited**  
**Restoring Au Sable River Aquatic Organism Passage at the Grayling Fish Hatchery (MI)**  
Open over 20 upstream miles and 50 downstream miles of high-quality, cold-water stream by improving five fish passage barriers and installing 14 instream habitat structures. Project will restore aquatic organism passage to the East Branch of the Au Sable at the Grayling Fish Hatchery while improving instream habitat and stream function to benefit brook trout and other species.  
*\$199,999*

**Monroe Public Schools**  
**Restoring Upland, Wetland and Riparian Ecosystems in Monroe (MI)**  
Restore critical ecosystem function of upland, wetland and riparian areas and enhance visitor infrastructure and educational resources at Knabusch Math & Science Center at Lake Erie in Monroe. Project will build resilience to fluctuating lake levels and improve habitat quality of rare Great Lakes wetland plant communities to benefit birds and other native populations.  
*\$300,000*

**Muskegon Conservation District**  
**Restoring Natural Stream Flow in Bear Creek (MI)**  
Remediate a road stream crossing and improve 200 linear feet streambank habitat in Bear Creek. Project will improve habitat along a stream, remove a culvert and remove over 5,000 tons of sediment in the first steps to restoring Bear Creek to a cold-water fishery status.  
*\$220,011*

**National Association of Conservation Districts**  
**Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)**  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Audubon Society**  
**Monitoring Marsh Birds in the Great Lake Region to Restore Wetlands (multiple states)**  
Restore 3,000 acres of wetland across 12 priority regions of Great Lakes coastal wetlands to protect the habitat of 14 species of marsh birds. Project will restore coastal wetland at high-priority sites and build capacity of key landowning partners to incorporate marsh bird monitoring at sites with critical data gaps that support development of local marsh bird conservation networks.  
*\$1,200,000*

**National Center for Appropriate Technology**  
**Outreach and Communications to Historically Underserved Farmers (multiple states)**  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**National Wildlife Federation**  
**Activating Detroit’s Public Spaces to Improve Habitats for Diverse and Resilient Communities (MI)**  
Expand a network of green stormwater infrastructure demonstration sites aimed to increase pervious acreage and develop a self-sustaining network of engaged stewards through programing in Detroit. Project will engage hundreds of community members through installation days, in-person workshops and garden tours and will divert over 600,000 gallons of stormwater annually.  
*\$335,000*

**Northwest Michigan Invasive Species Network**  
**Managing Invasive Species and Restoring Bottomlands Along Boardman River (MI)**  
Remove invasive species across more than 500 acres and restore newly exposed bottomlands along the Boardman River. Project will protect wild rice species and establish new sites for this state-threatened species.  
*\$287,540*

**Outdoor Discovery Center Macatawa Greenway**  
**Restoring Streambank to Improve Water Quality in the Macatawa River (MI)**  
Restore 900 feet of streambank along the Macatawa River, a tributary to Lake Macatawa and Lake Michigan. Project will reduce phosphorus and sediment loading in Lake Macatawa and improve water quality for the northern pike section of the river.  
*\$300,000*

**Reroot Pontiac**  
**Expanding Green Stormwater Infrastructure through Urban Pocket Forests in Pontiac (MI)**  
Repurpose urban lots for green stormwater infrastructure pocket forests and larger urban forest installations in Pontiac. Project will sequester and infiltrate stormwater from heavily impacted urban areas while developing community greenspaces, rebuilding local biodiversity and improving habitat for birds and native pollinators.  
*\$252,904*

**Soil Health Institute**  
**Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)**  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
**Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)**  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

**St. Suzanne Cody Rouge Community Resource Center**  
**Supporting Green Stormwater Infrastructure in Detroit Faith Communities (MI) - II**  
Support a network of churches in northwest Detroit to maintain existing bioretention practices, install new green stormwater infrastructure and provide training programs. Project will continue accelerating work to mitigate stormwater runoff and combined sewer overflows and build sustained community support, education and organizational capacity.  
*\$300,000*

**Superior Watershed Partnership**  
**Local and Tribal Collaboration for Aquatic Habitat Restoration and Invasive Species Management (MI)**  
Collaborate with multiple local, regional and Tribal partners to employ invasive species management and water quality improvement interventions in Hiawatha and Ottawa national forests. Project will improve habitat for at-risk species, water quality, ecosystem health, carbon sequestration, wildlife migration corridors, public access and climate adaptation.  
*\$300,000*

**Superior Watershed Partnership**  
**Installing Native Plants to Capture Polluted Stormwater (MI)**  
Install 2.7 acres of green infrastructure to capture 162,924 gallons of runoff stormwater directly along Lake Superior in Marquette, Michigan. Project will improve water quality, aquatic and terrestrial habitat, including migratory bird habitat, by incorporating native plant, shrub and tree species recommended by the Keweenaw Bay Indian Community.  
*\$323,563*

**The Bee and Butterfly Habitat Fund**  
**Seed A Legacy Pollinator Habitat Program (multiple states)**  
Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people.  
*\$175,000*

**The Greening of Detroit**  
**Restoring Urban Forestry in Eastside Detroit Neighborhoods (MI)**  
Implement an urban forest restoration in Detroit, Michigan by strategically planting diverse tree species to slow and retain stormwater runoff in the Rouge River watershed. Project will plant 600 trees in public parks and along neighborhood streets in the city’s Eastside community, where many residents are affected by high rates of poverty and environmental risks and add over 200,000 gallons of stormwater storage.  
*\$388,572*

**Trout Unlimited**  
**Restoring and Reconnecting Cold-water Habitat in Northwest Michigan Priority Watersheds**  
Reconnect over 30 miles of high-quality cold-water habitat, implement five road stream culvert upgrades and three stream habitat restoration and enhancement projects. Project will improve aquatic organism passage and habitat in northwestern Michigan cold-water streams to benefit brook trout, restore natural ecosystem processes and flood resiliency.  
*\$301,050*

**University of Missouri**  
**Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)**  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
**Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)**  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

**MINNESOTA**  
**Chisago Soil and Water Conservation District**  
**Using Best Management Practices to Improve Water Quality in Chisago County (MN)**  
Provide technical assistance to improve water quality by reducing phosphorus and sediment loading from agricultural and forestry lands by developing conservation plans with prescribed best management practices and through assistance to landowners in enrolling in federal Farm Bill programs or other local funding opportunities. Project will engage a minimum of 400 people and at least 100 new conservation plans will be developed in the watershed over the three year grant period.  
*\$150,000*

**Conservation Technology Information Center**  
**Increasing Cover Crops with Farmers for Soil Health (MN, SD, WI)**  
Add new technical assistance professionals to increase capacity for cover crop adoption in Minnesota, South Dakota and Wisconsin. Project will support enrollment of 87,000 acres of cover crops and provide technical assistance to more than 200 farmers.  
*\$2,499,993*

**Fond du Lac Band of Lake Superior Chippewa**  
**Maajii-akii-gikenjigewin: Launching an Indigenous Young Adult Conservation Crew (MI, MN, WI)**  
Build a young adult Indigenous Conservation Crew (Maajii-akii-gikenjigewin crew) to support existing and future on-the-ground management plans on Fond du Lac Reservation. Project will conduct 34 monitoring studies and restore 100 acres through locally led conservation efforts that respect Tribal sovereignty and cultural knowledge while allowing young adults to gain skills and experience in land stewardship practices to prepare them for careers in the natural resource field.  
*\$218,780*

**Land Stewardship Project**  
**Farmer to Farmer Soil Health Education (IA, MN)**  
Support the adoption of regenerative agricultural methods such as managed grazing, continuous living cover and no-till on more than 20,000 acres of farmland in southeastern and west-central Minnesota and northeastern Iowa. Project will provide access to technical assistance for implementing regenerative methods and utilizing federal programs for financial support to 4,500 farmers.  
*\$247,570*

**Minnesota Department of Natural Resources**  
**Large-Scale Moose Habitat Restoration Planning in Northeastern Minnesota**  
Conduct five workshops with stakeholders to: identify and prioritize the challenges for large-scale moose habitat restoration in northeastern Minnesota, develop strategies to address these challenges, identify three habitat priority areas of 10,000 to 50,000 acres suitable for habitat restoration and determine an implementation plan. Project will result in a collaborative approach to large-scale moose habitat restoration that will address long-term moose population decline. *\$402,205*

**Minnesota Land Trust**  
**Restoring Habitat for Birds (MN)**  
Reestablish 23 acres of former agricultural cropland into floodplain and wetlands, create over 3,000 linear feet of functional stream with connected floodplain and establish 10 acres of upland habitat. Project will create more than 24 million gallons of stormwater storage, treat 3.85 million gallons annually and drain over 1,000 upstream acres of runoff before entering East Branch Black River and eventually Lake Erie. *\$512,699*

**National Association of Conservation Districts**  
**Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)**  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states. *\$149,940*

**National Center for Appropriate Technology**  
**Outreach and Communications to Historically Underserved Farmers (multiple states)**  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers. *\$178,827*

**Soil Health Institute**  
**Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)**  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support state-level education priorities and provide regional training and outreach tailored to local technical assistance needs. *\$641,353*

**Soil Health Institute**  
**Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)**  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative. *\$194,552*

**The Bee and Butterfly Habitat Fund**  
**Seed A Legacy Pollinator Habitat Program (multiple states)**  
Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people. *\$175,000*

**The Nature Conservancy**  
**Partnering with Conservation Agronomists and Farmers for Soil Health to Expand Cover Crop Use in Corn Acres (MN)**  
Provide a comprehensive package of targeted outreach and technical assistance to expand cover crop implementation on corn acres. Project will enroll 150 farmers in Farmers for Soil Health incentive programs and support enrollment of 50,000 acres of cover crops in central and southwest Minnesota. *\$450,000*

**Nature Conservancy**  
**Restoring and Improving Prairies for Dakota Skipper, Regal Fritillary and Other Pollinators (MN)**  
Collect seeds from native plants and implement prescribed burning, conservation grazing and invasive species control to restore and improve habitat for Dakota skipper, regal fritillary and other pollinators on public and private conservation lands in Minnesota. Project will improve 2,267 acres, restore 112 acres and collect 10 pounds of milkweed seed. *\$174,982*

**University of Missouri**  
**Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)**  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative. *\$153,828*

**University of Missouri**  
**Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)**  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program. *\$694,712*

**Urban Roots MN**  
**Engaging Saint Paul Youth in Restoration (MN)**  
Restore three public green spaces in Saint Paul, Minnesota through nonnative species removal, supporting the endangered rusty patched bumble bee, bald eagle and other waterfowl. Project will hire 32 youth interns who will work with 300 volunteers and hired restoration crews to restore 24.5 acres and plant 150 trees and shrubs. *\$50,000*

**World Wildlife Fund**  
**Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)**  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management. *\$163,135*

MISSISSIPPI

**American Bird Conservancy**  
**Using Birds as Ambassadors to Engage Private Forest Owners and Improve Habitats (AL, GA, LA, MS, SC)**  
Advance longleaf ecosystem restoration and recovery of several at-risk and listed species in Alabama, Georgia, Louisiana, Mississippi and South Carolina. Project will restore and enhance more than 2,000 acres of longleaf pine habitat through longleaf plantings, prescribed burning and other management practices and accelerate species recovery by improving resiliency through captive rearing and reintroduction of the at-risk gopher frog and translocation of the federally endangered red-cockaded woodpecker to suitable habitat. *\$325,000*

**Bluefin Data**  
**Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)**  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts. *\$339,525*

**Ducks Unlimited**  
**Forested Wetland Restoration and Enhancement (AR, LA, MS)**  
Restore bottomland hardwood forest through plantings and improve existing forest habitat through forest treatments on private lands and enhance wetland hydrologic function on public and private land in the Mississippi Alluvial Valley in Arkansas, Louisiana and Mississippi. Project will impact a total of 1,900 acres of forest and wetland habitat benefiting waterfowl and neotropical migratory birds. *\$249,303*

**Education, Economics, Environmental, Climate and Health Organization (EEECHO)**  
**Resident-Led Resilience Planning in North Gulfport and Surrounding Neighborhoods (MS)**  
Create a resilience plan for 10 communities in North Gulfport and surrounding neighborhoods (Harrison County, MS) that have been historically marginalized from decisions regarding coastal resilience. Project will provide a model of ecological and wildlife restoration in a region that, according to the CREST tool, is very exposed to coastal hazards and is also important for fish and wildlife species, especially aquatic species. *\$345,615*

**Forest Landowners Association**  
**Engaging Private Forest Landowners to Restore Longleaf Pine (multiple states)**  
Restore and maintain longleaf pine habitat and promote the collaborative conservation of at-risk species on private lands across the historical longleaf pine range. Project will provide financial assistance to private landowners to establish and maintain longleaf pine habitat, support continued engagement with the U.S. Fish and Wildlife Service in the Southeast Region to advance at-risk species recovery and develop new online tools to engage landowners in collaborative conservation efforts. *\$1,685,000*

**Land Trust for the Mississippi Coastal Plain**  
**Increasing Longleaf Pine Restoration on Private Lands in South Mississippi**  
Establish a prescribed burn team to expand capacity in south Mississippi and restore longleaf pine habitat, benefiting several endangered and at-risk species such as the dusky gopher frog, gopher tortoise, black pine snake and northern bobwhite. Project will restore and enhance more than 1,200 acres of longleaf pine through plantings and prescribed burning and create forest management plans to guide restoration and management efforts on land trust managed properties. *\$350,000*

**Land Trust for the Mississippi Coastal Plain**  
**Mississippi Sandhill Crane Education and Habitat Restoration (MS)**  
Install an educational low-impact walking trail, maintain pine savanna restoration work, correct pond hydrology and install a weir to better control water flow during rain events in Ocean Springs, Mississippi. Project will implement best management practices on 40 acres, remove invasive species on 4 acres, engage 50 volunteer community members and remove 100 pounds of trash and litter. *\$46,357*

**Lower Mississippi River Conservation Committee**  
**Improving Aquatic Habitat Connectivity in the Lower Mississippi River (AR, LA, MS, TN)**  
Restore 300 acres and 1.5 miles of secondary channel habitat, install woody debris traps in previously connected secondary channels to increase biological diversity and ecosystem function, providing structure diversity for healthy river indicator aquatic insects. Project will focus on biotic monitoring of gar species abundance at three study sites. *\$200,000*

**Manomet**  
**Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)**  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers. *\$135,000*

**Mississippi Department of Marine Resources**  
**Removal of Derelict Crab Traps in Coastal Mississippi Shorelines Impacted by Hurricane Ida**  
Identify and remove derelict crab traps from Mississippi’s marine and estuarine waters and adjacent marshes. Project will increase removal program capacity through an established inventory of derelict gear including subsurface mapping and engage fishermen and the broader community in removal. *\$42,629*

**Mississippi Forestry Association**  
**Restoring Longleaf Pine and Bottomland Hardwood Forests on Public and Private Lands (MS)**  
Restore and enhance longleaf pine and bottomland hardwood forest habitats on private lands and national forests in south Mississippi, benefiting gopher tortoise, prothonotary warbler and other forest dependent species. Project will plant 500 acres of longleaf pine on national forest land and provide technical and financial assistance to private landowners to restore and enhance more than 1,000 acres forest habitat and certify 100 family forest tracts into the American Tree Farm Program. *\$1,000,000*

**Mississippi Land Trust**  
**Restoring and Conserving Longleaf Pine Habitat in Coastal Mississippi**  
Conserve and manage longleaf pine in private ownership in coastal Mississippi, including lands supporting threatened, endangered and declining species like the gopher tortoise and Mississippi sandhill crane. Project seeks to place more than 5,000 acres of longleaf pine habitat under voluntary conservation easements and restore 1,000 acres to longleaf pine. *\$500,000*

**Mississippi River Trust**  
**Forested Wetlands Enhancement on Private Lands in the Lower Mississippi Alluvial Valley (AR, LA, MS)**  
Enhance forest health and wildlife habitat on lands enrolled in the USDA’s Agricultural Conservation Easement Program-Wetlands Reserve Easement Program in the Lower Mississippi Alluvial Valley of Arkansas, Louisiana and Mississippi. Project will protect 700 acres through voluntary easements, improve management on and restore 1,000 acres and provide outreach and education for landowners for the management of WRE forests, benefiting waterfowl, forest birds and the Louisiana black bear. *\$363,000*



**Mississippi State**  
Living Shoreline Restoration in Back Bay to Enhance Community and Military Resilience (MS)  
Construct a 2.5-mile living shoreline using marsh sill, fill, native planting and segmented breakwaters in the Back Bay that includes shorelines of Keesler Air Force Base, the Veterans Administration facility and Biloxi’s Hiller Park. Project will restore habitat and reduce wave energy and erosion.  
*\$6,477,555*

**Mississippi Department of Wildlife, Fisheries and Parks**  
Enhancing Fire-Dependent Plant Communities in the East Gulf Coastal Plain Habitats (AL, LA, MS)  
Improve resilience of 90,000 acres of fire-dependent habitats including piney woods, blackland prairie and loess bluffs ecosystems through restoration, habitat management, invasive plant species control, revegetation, cost-sharing, outreach and training. Project will restore ecosystem services and increase capacity in the East Gulf Coastal Plains while strengthening partnerships with stakeholders, private industry and the public.  
*\$4,330,059*

**The KKAC Organization**  
Engaging Underserved Landowners in Forest Restoration in the Mississippi Alluvial Valley (AR, LA, MS)  
Provide outreach and technical assistance to historically underserved landowners in the Mississippi Alluvial Valley to voluntarily restore or enhance 250 acres of forest habitat, with a focus on increasing enrollment in the USDA’s Wetland Reserve Easement program, benefiting swamp rabbit and forest birds. Project will engage at least 30 landowners through workshops and other outreach efforts and will provide opportunities for youth to engage in conservation.  
*\$250,000*

**The Longleaf Alliance**  
Advancing Longleaf Pine Restoration and Seedling Capacity (multiple states)  
Coordinate longleaf pine restoration across the South and address limitations to longleaf seedling quality and quantity by establishing a longleaf pine tree improvement program focused on improving longleaf genetics, expanding seed collection capacity and supporting nursery seedling capacity expansion within the historical longleaf pine range. Project will produce 20 million longleaf pine seedlings and support the coordination of 18 longleaf implementation teams implementing longleaf restoration.  
*\$4,250,000*

**The Nature Conservancy**  
Expanding Longleaf Pine Seedling Availability to Increase Planting on Private Lands (AL, FL, GA, MS)  
Partner with tree nurseries and consulting foresters to produce and plant 4 million longleaf pine seedlings on private lands in Alabama, Florida, Georgia and Mississippi. Project will engage 50 private landowners to plant seedlings on 6,600 acres and help bolster local tree nursery confidence to increase longleaf seedling production and help reduce future seedling shortages.  
*\$1,800,000*

**University of Southern Mississippi**  
Mitigating Flood Risk on the Mississippi Coast  
Identify nature-based solutions such as living shorelines to improve flood protection and enhance wildlife habitat in Moss Point, Mississippi. Project will facilitate a community-partnership approach by engaging researchers, community leaders and residents in mapping, hydrological modeling, surveys, site visits and outreach activities.  
*\$294,401*

**Wildlife Mississippi**  
Protecting Drinking Water, Public Access and Wildlife Habitat Along the Pearl River (MS)  
Conserve several miles of the Pearl River northeast of Jackson, Mississippi and manage for public recreation, water quality and wildlife use. Project will acquire 17 river miles and 2,204 acres of associated wetlands and uplands.  
*\$483,000*

MISSOURI

**Heartland Conservation Alliance**  
Training Youth in Environmental Stewardship in the Blue River Watershed (KS, MO)  
Train 18 youths and employ a crew of five to seven youths who will steward 220 acres of land in the Blue River Watershed. Project will address needs for improved watershed health, improved community health, lack of a natural resource management workforce and plant 500 trees.  
*\$49,883*

**Missouri Conservation Heritage Foundation**  
Protecting and Enhancing Hibernaculum for Indiana Bats (MO)  
Utilize existing partnerships with U.S Fish and Wildlife Service and others to enhance habitats through tree planting and various forest management strategies which promote tree species of importance to the Indiana bat lifecycle. Project will implement invasive species removal, carry out prescribed burns, engage dozens of private landowners in creating a buffer and enhance the conservation management plan for the Sodalis Nature Preserve hibernaculum.  
*\$75,000*

**Missouri Soybean Association**  
Expanding Cover Crops in Missouri with Farmers for Soil Health  
Deliver technical assistance to soybean and corn farmers to advance adoption of cover crops and improve soil health in Missouri. Project will support the enrollment of 65,000 acres of cover crops and will provide technical assistance to more than 200 farmers.  
*\$1,099,725*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

**The Bee and Butterfly Habitat Fund**  
Seed A Legacy Pollinator Habitat Program (multiple states)  
Restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people.  
*\$175,000*

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

**World Wildlife Fund**  
Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.  
*\$163,135*

MONTANA

**Bird Conservancy of the Rockies**  
Evaluating Impact on Grassland Birds (multiple states)  
Continue the multiyear effort to evaluate and quantify the impact of grazing management and habitat restoration projects on focal grassland bird species across the Northern Great Plains. Project will conduct three studies used to inform future grassland management to benefit bird species.  
*\$150,000*

**Bird Conservancy of the Rockies**  
Increasing Capacity to Enhance Grasslands Conservation Efforts (MT, NE, SD, WY)  
Increase capacity for Private Lands Wildlife Biologists based in NRCS offices across the Northern Great Plains states to continue building and maintaining partnerships, fostering community impact and engagement and providing financial and technical support to private landowners. Project will survey 2 active greater sage-grouse leks, improve management on 50,000 acres, restore 2,000 acres and improve 10 miles of fencing to wildlife-friendly standards.  
*\$545,781*

**Bird Conservancy of the Rockies**  
Informing Full Annual Cycle Grassland Bird Conservation in the Great Plains - III (multiple states)  
Complete the third and final phase of this effort by tagging additional birds (Baird’s sparrow, Sprague’s pipit, chestnut-collared longspur and thick-billed longspur), analyzing bird movement data and developing management recommendations. Project will create data products that will be used to inform habitat conservation.  
*\$208,150*

**Blackfeet Tribe**  
Blackfeet Ecological, Cultural Stewardship (MT)  
Formulate a conservation plan for stewardship of Crown of the Continent cultural and ecological resources within the Blackfeet Nation Ninnaaastakoo boundary by creating community-based environmental assessments and working collaboratively with transnational stakeholders. Project process will build partnerships, increase collaboration and result in a conservation plan that may identify habitat restoration sites for priority species and actions and community access and engagement opportunities.  
*\$937,491*

**Bob Marshall Wilderness Foundation**  
Increasing Capacity and Modifying Treatment of Invasives in Bob Marshall Wilderness (MT)  
Expand capacity for the prevention and treatment of invasive species within aquatic and terrestrial ecosystems of Lewis and Clark and Lolo national forests. Project will add a new permanent full-time specialist to facilitate partner collaboration, create seasonal positions to treat noxious weeds and expand an existing outreach.  
*\$545,303*

**Buffalo Nations Grasslands Alliance**  
Increasing Indigenous Natural Resource Management Capacity (MT, ND, SD)  
Increase organizational capacity and Tribal natural resource management capacity and across the 16 Tribal nations of the Northern Great Plains. Project will foster Tribal game and fish agency stewardship efforts and support community led conservation partnerships.  
*\$220,000*

**Confederated Salish and Kootenai Tribes**  
Suppression of Lake Trout in Flathead Lake to Benefit Native Bull Trout (MT)  
Suppress invasive lake trout in Flathead Lake through increased harvesting and management efforts including gill netting, processing and program support. Project will assist in the recovery of native bull trout by reducing predation by nonnative lake trout.  
*\$79,952*

**Ducks Unlimited**  
Supporting Grasslands Conservation Networks in the Northern Great Plains (MT, ND, SD, WY)  
Expand and enhance the impact of existing programs, partnerships and community engagement by providing technical assistance to underserved areas, enhancing private lands biologists networks and supporting grasslands conservation workshops. Project will improve management on 29,000 acres, restore 1,000 acres of grasslands and restore 50 acres of wet-meadow.  
*\$500,000*

**Fort Belknap Indian Community**  
Intertribal Approach to Restoring Plains Bison and Landscape Connectivity (MT)  
Advance ecosystem resiliency of lands allocated for bison restoration through the unique collaboration of Blackfeet, Rocky Boy, Fort Belknap and Fort Peck Native American communities in Montana. Project will enhance ecosystem function on 57,000 acres by supporting day-to-day operations of bison programs, remove or replace over 100 miles of fencing with wildlife-friendly fence and establish common rangeland monitoring across four Tribal communities to inform bison and land management.  
*\$4,985,221*

**Great Burn Study Group,**  
**Great Burn Conservation Alliance**  
Detection and Response to Noxious Weeds in the Great Burn National Forests (ID, MT)  
Utilize early detection and rapid response treatment of noxious weeds to restore a large block of habitat within the Nez Perce-Clearwater and Lolo National Forest to benefit species of concern, including grizzly bears. Project will result in 4 new monitoring programs and removal of hawkweed, Saint John’s wort, knapweed and other invasives.  
*\$854,071*

**Inter Tribal Buffalo Council**  
Restoring Buffalo Habitat for Ecosystem Health and Tribal Culture (MT, ND, NE, SD, WY)  
Develop, facilitate and manage the Buffalo Habitat Restoration and Improvement Programs to increase buffalo habitat, outreach, education and access for Tribes. Project will conduct three buffalo restoration studies used to inform management, improve management on 10,000 acres and restore 11,000 acres of buffalo habitat.  
*\$700,000*



**Montana Conservation Corps**  
Increasing Drought Resilience  
in Northern Montana’s Wet Meadows  
and Mesic Areas (MT)

Restore and enhance wet meadows and mesic areas throughout north and central Montana by installing drought resilient structures, improving fence and mitigating conifer encroachment. Project will increase fence visibility to benefit greater sage-grouse, restore 120 mesic acres to benefit greater sage-grouse, improve management on 300 acres of grassland and restore 180 acres of grassland.  
*\$500,000*

**Montana Land Reliance**  
Conserving Native Grasslands and Sagebrush Habitat via Conservation Easements (MT)  
Conserve imperiled native grasslands and sagebrush habitat through conservation easements in central Montana. Project will permanently protect 7,012 acres with a conservation easement to benefit greater sage-grouse and conserve one greater sage-grouse lek.  
*\$750,000*

**Montana Land Reliance**  
Increasing Capacity for Conservation Easements in Montana’s Northern Great Plains (MT)  
Increase capacity for the Eastern Manager position and cover transaction costs for five conservation easements across eastern and central Montana. Project will permanently protect 38,188 acres of grassland at risk of conversion, 87 percent of which is also core habitat for greater sage-grouse and includes 24 greater sage-grouse lek sites.  
*\$361,725*

**Montana Outdoor Legacy Foundation**  
Enhancing Wildlife Migration Routes Across Public and Private Grasslands (MT)  
Work with landowners and organizations to improve big game habitat quality in southeast Montana via seasonal burning, conifer removal, weed management, expansion of conservation easements and fence modification. Project will reconnect 50 miles of corridor, improve 20 miles of fencing to wildlife-friendly standards, remove 20 miles of wildlife-unfriendly fencing, install 20 miles of wildlife-friendly fencing, burn 10,000 acres, place 50,000 acres under conservation easements, improve management on 75,000 acres, restore 20,000 acres and remove invasive plants from 50,000 acres.  
*\$275,000*

**National Audubon Society**  
Guiding Restoration Across the Great Plains Using Habitat Management Plans (MT, ND, NE, SD, WY)  
Improve habitat quality on private working lands across the Northern Great Plains through management agreements, technical assistance for land restoration activities and landowner education. Project will improve visibility of 2 miles of fence, remove invasive trees from 100 acres, restore lands including 2 greater sage-grouse leks, restore 20 acres of riparian habitat, improve management on 75,000 acres and restore 8,880 acres by removing invasive vegetation and conducting prescribed burns.  
*\$1,757,728*

**National Wildlife Federation**  
Improving Big Game Winter Range (MT)  
Improve big game movement and connectivity in Montana’s Priority Area C by removing or modifying woven wire sheep fence that hinders migration routes and fragments winter range of pronghorn, elk, mule deer and moose. Project will improve 40 miles of obsolete woven wire sheep fence to wildlife-friendly standards.  
*\$403,937*

**Pheasants Forever**  
Increasing Landscape Permeability and Enhancing Big Game Habitat in Northern Montana (MT)  
Collaborate with federal and local partners to increase landscape permeability and enhance big game habitat in northern Montana. Project will improve 35 miles of fencing to wildlife-friendly standards, improve grazing management on 15,500 private acres and restore 1,866 acres of grassland.  
*\$415,392*

**Ranchers Stewardship Alliance**  
Introducing: The Montana Grassland Initiative  
Enhance climate resilience, restore native grasslands, improve big game migration corridor connectivity and expand educational outreach across northern Montana through the Montana Grassland Initiative. Project will restore 1,500 acres of grassland, improve grazing management on 40,000 acres and improve 20 miles of fence.  
*\$500,000*

**The Mule Deer Foundation**  
Migration Corridors and Winter Range Initiative - III (multiple states)  
Enhance rangeland habitat across the Rocky Mountain Region to benefit mule deer, sage-grouse and other native wildlife species. Project will improve 10 miles of fencing to wildlife-friendly specifications, remove 10 miles of wildlife-unfriendly fencing, manage 4,500 acres for invasive annual grasses, remove invasive juniper from 500 acres of rangeland and replant 3,000 acres of fire-damaged rangeland with sagebrush and bitterbrush.  
*\$491,786*

**The Nature Conservancy**  
Conserving Grasslands for Pronghorn and Greater Sage-Grouse (MT)  
Place perpetual conservation easements on Montana lands in a vital migration pathway for binational migratory populations of sage-grouse and pronghorn. Project will place 5,300 acres under easement.  
*\$800,000*

**The Nature Conservancy**  
Creating a Collaborative Grassbank in the Missouri-Milk River Grasslands (MT)  
Create a 30,000-acre conservation grass bank in Montana’s Missouri-Milk River Grasslands which will be operated by a local rancher-led collaborative to improve management on private lands. Project will permanently protect 5,600 acres under conservation easement and will catalyze conservation improvements for wildlife and climate resilience on neighboring ranch properties.  
*\$1,500,000*

**The Trust for Public Land**  
Increasing Conservation Land Connectivity in Northwest Montana (MT)  
Conserve critical fish and wildlife habitat, recreational resources and productive timberland in northwest Montana, while improving connectivity across a critical wildlife corridor that ultimately connects to Glacier National Park. Project will place a conservation easement on 72,000 acres and result in 300,000 acres of conservation land connected.  
*\$450,000*

**Trout Unlimited**  
Yellowstone Cutthroat Trout Conservation in Mill Creek (MT)  
Improve Yellowstone cutthroat trout (YCT) habitat in Mill Creek by adding wood structures to encourage pool formation, capture spawning gravels and increase channel roughness and complexity. Protect a genetically unhybridized YCT population from nonnative trout invasion by constructing a barrier. Project will improve spawning, rearing and overwintering habitat and increase the overall population resiliency from invasion and hybridization by nonnative salmonids.  
*\$186,719*

**University of Montana**  
Invasive Grass Detection, Prevention and Treatment Planning in Eastern Montana  
Develop decision support tools to identify invasive treatment locations where early detection and rapid response has the greatest potential for success. Project will facilitate surveillance of 1.2 million acres of shrubland, grassland and woodland habitat and prioritize locations for treatment in collaboration with Montana Invasive Grass Working Group and field technician positions filled through a recruitment partnership with Little Big Horn College.  
*\$674,089*

**Winnett ACES**  
Improving Land Management to Conserve the Musselshell Plains (MT)  
Conserve and enhance Montana’s Musselshell Plains through wet meadow restoration, woody invasive species removal, fence modifications, improved grazing management and increased capacity to carry out on-the-ground conservation work. Project will improve grassland management on 5,000 acres, modify 15 miles of fence to wildlife-friendly standards, restore 900 acres of cropland back to grassland and restore 150 acres of riparian habitat to benefit greater sage-grouse.  
*\$469,358*

**World Wildlife Fund**  
Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.  
*\$163,135*

**World Wildlife Fund**  
Expanding Regenerative Grazing in the Northern Great Plains (multiple states)  
Partner with ranchers to develop and implement sustainable grazing plans and practices that are supported by ecological monitoring, infrastructure improvements and habitat restoration activities across the Northern Great Plains. Project will restore 300 riparian acres to benefit greater sage-grouse, improve management on 150,000 acres and restore 10,000 acres of marginal cropland back to native grassland, including 4,451 acres on Ft. Belknap Reservation in Montana.  
*\$1,000,000*

**NEBRASKA**

**Association of Zoos and Aquarium**  
Educating Aquarists to Expand Land-Based Nursery Capacity (FL, GA, NE)  
Train aquarium managers interested in participating in the coral rescue program on stony coral tissue loss disease and coral restoration practices. Project will work to grow the land-based nursery management capacity of the coral conservation community within and outside of the United States.  
*\$75,000*

**Bird Conservancy of the Rockies**  
Evaluating Impact on Grassland Birds (multiple states)  
Continue the multiyear effort to evaluate and quantify the impact of grazing management and habitat restoration projects on focal grassland bird species across the Northern Great Plains. Project will conduct three studies used to inform future grassland management to benefit bird species.  
*\$150,000*

**Bird Conservancy of the Rockies**  
Enhance Private Grasslands Conservation Efforts (MT, NE, SD, WY)  
Increase capacity for private lands wildlife biologists based in NRCS offices across the Northern Great Plains states to continue building and maintaining partnerships, fostering community impact and engagement and providing financial and technical support to private landowners. Project will survey 2 active greater sage-grouse leks, improve management on 50,000 acres, restore 2,000 acres and improve 10 miles of fencing to wildlife-friendly standards.  
*\$545,781*

**Center for Rural Affairs**  
Producer Conservation Mentorship Network in the Southern Great Plains of Nebraska  
Establish a mentorship network to encourage implementation of rotational grazing, cover crops and other regenerative agricultural practices to address priority resource concerns in Nebraska. Project will result in more producers becoming familiar with and taking steps to participate in farm bill conservation programs like the Conservation Stewardship Program and the Environmental Quality Incentives Program.  
*\$251,773*

**Illinois Corn Growers Association**  
Expanding Precision Conservation Management Model (IL, KY, NE)  
Strengthen and expand the Precision Conservation Management model to increase sustained adoption of cover crops on corn and soybean acres in Illinois, Kentucky and Nebraska. Project will support enrollment of 96,500 acres of cover crops in the three state and provide individualized technical assistance support to more than 200 farmers.  
*\$2,500,000*

**Inter Tribal Buffalo Council**  
Restoring Buffalo Habitat for Ecosystem Health and Tribal Culture (MT, ND, NE, SD, WY)  
Develop, facilitate and manage the Buffalo Habitat Restoration and Improvement Programs to increase buffalo habitat, outreach, education and access for Tribes. Project will conduct three buffalo restoration studies used to inform management, improve management on 10,000 acres and restore 11,000 acres of buffalo habitat.  
*\$700,000*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Audubon Society**  
Guiding Restoration Across the Great Plains (MT, ND, NE, SD, WY)  
Improve habitat quality on private working lands across the Northern Great Plains through management agreements, technical assistance for land restoration activities and landowner education. Project will improve visibility of 2 miles of fence, remove invasive trees from 100 acres, restore lands including 2 greater sage-grouse leks, restore 20 acres of riparian habitat, improve management on 75,000 acres and restore 8,880 acres by removing invasive vegetation and conducting prescribed burns.  
*\$1,757,728*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**Nebraska Community Foundation, Rainwater Basin Joint Venture**  
Partnering with Ranchers to Conserve the Resources of the Nebraska Sandhills (NE)  
Work with a variety of private, state and federal partners to conserve the Nebraska Sandhills by removing woody invasives, conducting prescribed burns, restoring wet-meadows and reconfiguring grazing infrastructure to enhance blowouts. Project will improve management on 54,800 acres, restore 650 acres of wet-meadow and restore 34,160 acres of grassland.  
*\$991,000*

**Nebraska Game and Parks Commission**  
Prairie, Stream and Wetland Restoration in the Sandhills Landscape (NE)  
Implement a voluntary program to promote vibrant grasslands and ranching communities, increase climate resilience and improve habitat connectivity in the Sandhills to benefit at-risk species like the greater prairie-chicken. Project will restore 800 acres of wetlands and 4 miles of streams, remove invasive plants from 75,000 acres of habitat, utilize prescribed fire on 32,000 acres and perform native prairie seeding on 400 acres.  
*\$4,000,000*



Pheasants Forever

Supporting Landowners in Using Prescribed Fire Regimes to Restore Nebraska’s Sandhills  
Restore grasslands in the Nebraska Sandhills by removing invasive eastern red cedar, reseeding with native vegetation, improving grazing infrastructure, increasing capacity, training landowners in prescribed fire regimes and providing one-on-one support to landowners. Project will improve management on 27,000 acres through prescribed burns and managed grazing and restore 90,000 acres through brush management and reseeding.  
*\$1,000,000*

Sandhills Task Force

Improving Grassland Bird Habitat in Nebraska’s Sandhills (NE)  
Work with a variety of partners to improve grassland bird and wildlife habitat in Nebraska’s Sandhills by controlling invasive eastern red cedar and improving grazing management systems on private lands. Project will improve management on 15,000 acres through grazing plans and restore 25,000 acres by removing woody invasive species.  
*\$700,000*

Soil Health Institute

Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

Soil Health Institute

Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

Texas Parks and Wildlife Department

Southern Plains Grassland Protection, Restoration and Enhancement (CO, KS, NE, NM, OK, TX)  
Support the Playa Lakes Joint Venture in work with five land trusts to advance grassland conservation across more than 250,000 acres of the Southern High Plains. Project will enable partners to deliver conservation and shared best practices according to the unique characteristics of their region while aligning their work toward a common purpose of positively and permanently benefiting habitat and wildlife.  
*\$4,020,000*

The Bee and Butterfly Habitat Fund

Seed A Legacy Pollinator Habitat Program (multiple states)  
Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people.  
*\$175,000*

The Mule Deer Foundation

Strengthening Habitat Resilience and Management in the Southern Plains (CO, KS, NE, NM, OK, TX)  
Build a Southern Great Plains Habitat Initiative to improve habitat conditions for mule deer and other wildlife, assist private landowners with practices which will improve grasslands and range conditions on their properties, create climate resilient landscapes and increase carbon sequestration through the increased native vegetation within the Initiative area. Project will contribute to lesser prairie chicken recovery and conservation and grassland restoration.  
*\$418,155*

University of Missouri

Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

University of Missouri

Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

World Wildlife Fund

Expanding Regenerative Grazing in the Northern Great Plains (multiple states)  
Partner with ranchers to develop and implement sustainable grazing plans and practices that are supported by ecological monitoring, infrastructure improvements and habitat restoration activities across the Northern Great Plains. Project will restore 300 riparian acres to benefit greater sage-grouse, improve management on 150,000 acres and restore 10,000 acres of marginal cropland back to native grassland, including 4,451 acres on Ft. Belknap Reservation in Montana.  
*\$1,000,000*

World Wildlife Fund

Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.  
*\$163,135*

NEVADA

Summit Lake Paiute Tribe

Designing Habitat Connectivity and Ensuring Resilience for Lahontan Cutthroat Trout (NV)  
Complete feasibility and design for fish passage and riparian restoration projects to improve the connectivity of the lake and its sole perennial creek within the Summit Lake Paiute Tribe Reservation. Project will build on the existing Lahontan cutthroat trout recovery plan to increase the resilience of fish and wildlife populations and Tribal capacity to address climate change and future drought conditions.  
*\$457,831*

Pyramid Lake Paiute Tribe

Pyramid Lake Water Management (NV)  
Provide water for 25 miles of the lower Truckee River and Pyramid Lake, on the Pyramid Lake Paiute Reservation, to benefit habitat for the endangered Cui-ui and threatened Lahontan cutthroat trout. Project will purchase water rights for environmental benefit and work to maximize water delivery to Pyramid Lake through optimization of Truckee River Operating Agreement water management strategies such as scheduled reservoir releases.  
*\$10,011,131*

Summit Lake Paiute Tribe

Summit Lake Water Rights Acquisition, Restoration and Monitoring Project (NV)  
Acquire water rights to benefit environmental flows to Summit Lake, establish a real-time water monitoring program, expand watershed modeling activities to inform restoration actions and eliminate invasive reed canary grass in Mahogany Creek. This multitiered project will improve instream and riparian habitat for Lahontan Cutthroat Trout and other aquatic and terrestrial wildlife and enhance climate resilience for the Summit Lake watershed.  
*\$2,700,000*

The Mule Deer Foundation

Migration Corridors and Winter Range Initiative - III (multiple states)  
Enhance rangeland habitat across the Rocky Mountain region to benefit mule deer, sage-grouse and other native wildlife. Project will improve 10 miles of fencing to wildlife-friendly specifications, remove 10 miles of wildlife-unfriendly fencing, manage 4,500 acres for invasive annual grasses, remove invasive juniper from 500 acres of rangeland and replant 3,000 acres of fire-damaged rangeland with sagebrush and bitterbrush.  
*\$491,786*

Walker Basin Conservancy

Mitchell Water Acquisitions Grant (NV)  
Purchase 1.51 cubic feet per second of decree water from Ronald and Ginger Mitchell located on the West Walker River in the Walker Basin near Yerington, Nevada. Project will contribute approximately 182 reliable acre-feet of water to aid in the goal of restoring Walker Lake to a 12,000 total dissolved solids level.  
*\$400,000*

Walker Basin Conservancy

Walker Basin Monarch and Pollinator Habitat Restoration and Enhancement (NV)  
Restore and improve habitat for monarch butterflies and other pollinators on public and private conservation lands within the Walker Basin in Nevada. Project will restore 75 acres, improve 2,395 acres, propagate 20,000 milkweed seedlings, collect milkweed seeds, host 10 workshops and reach 220 people.  
*\$160,195*

Walker Basin Conservancy

Water Rights Acquisition to Benefit Walker Lake  
Purchase 320-acre parcel on the West Walker River that includes 21.412 cubic feet per second of decree water. This permanent acquisition will contribute 2,421 reliable acre feet, or 4.8% towards the Walker Lake recovery goal, while protecting agricultural interests in the Walker Basin.  
*\$14,200,000*

NEW HAMPSHIRE

Bluefin Data

Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
*\$339,525*

Connecticut River Watershed Council,

Connecticut River Conservancy  
Riparian Buffer Restoration Efforts for Turtles and Priority Species (CT, MA, VT, NH)  
Plant forested riparian buffers on privately owned sites in federal, state and local priority areas in Connecticut, Massachusetts, Vermont and New Hampshire. Project will plant 6,000 trees on 10 sites, restore 2.5 miles of forested buffers and restore 15 acres of agricultural field buffers to improve water quality and enhance the long-term persistence of native aquatic species, including eastern brook trout, diadromous fishes and spotted turtle, Blanding’s turtle and wood turtle.  
*\$158,706*

Gulf of Maine Research Institute

Scaling Innovations for Maximized Retention Electronic Monitoring in New England (MA, ME, NH, RI)  
Transition dockside monitoring, an important component of retention-based electronic monitoring, to a third-party provider model, develop standards that allow for technical innovations in dockside monitoring and develop electronic infrastructure to support timely catch accounting. Project will convene industry members, including seafood dealers, to improve dockside monitoring and support continued regional uptake of electronic monitoring.  
*\$356,374*

Manomet

Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
*\$135,000*

Rhode Island Department of

Environmental Management  
Wetland Migration Pathway Planning, Prioritization and Community Engagement (multiple states)  
Create a pipeline of tidal wetland migration pathway projects in areas served by National Estuarine Research Reserves (NERRS) in the Northeast, Mid-Atlantic and Southeast. Project will identify migration pathway protection opportunities and priorities, develop or improve technical products such as maps and models, build a community of practice and create resources and guides to support pathway planning and assessment for all NERRS.  
*\$551,816*

Teem Fish Monitoring

Using Artificial Intelligence to Automate New England Groundfish Discard Data Collection (MA, ME, NH, RI)  
Evaluate existing artificial intelligence tools for their ability to automate collection of discard information from electronic monitoring video in the New England groundfish fishery. Project will train and validate artificial intelligence models to perform species identification, fish counts and length measurements for discarded fish, with the intention of reducing video review times and associated costs.  
*\$159,571*

The Nature Conservancy

Advancing Oyster Restoration with Shellfish Growers in New England, Mid-Atlantic and West Coast (multiple states)  
Deploy 2.5 million adult, diploid oysters grown by farmers to recruitment limited restoration sites throughout New England, Mid-Atlantic and West Coast regions to enhance 29.5 acres of oyster reefs. Project will improve water quality, rebuild marine habitat, advance shoreline protection and provide economic benefits to coastal communities.  
*\$2,999,514*

The Nature Conservancy in New Hampshire

Designing for a Resilient Future in the Merrimack River Watershed (MA, NH)  
Design an innovative and equity-based conservation plan to meet the needs of nature and people in the Merrimack River watershed. Project will engage nontraditional partners to identify and prioritize conservation targets that meet biodiversity and climate adaptation needs and advance nature-based solutions benefiting local communities.  
*\$360,387*



**Trout Unlimited**  
Restoring Fish Passage for Brook Trout (NH)  
Remove a barrier to fish passage along a perennial cold-water tributary to Lyman Brook in Milton, New Hampshire, that will provide flood resiliency for the local road infrastructure during high flow events. Project will replace an undersized culvert, open up 1.2 miles of upstream cold-water habitat for eastern brook trout, native salamanders and other aquatic organisms, while providing long-term monitoring to gauge the success of the project for aquatic connectivity and reduced flood hazards. *\$116,000*

**Wildlife Management Institute**  
Restoring Riparian Habitat through Alder Regeneration in Northern New Hampshire (NH)  
Regenerate patches of degraded speckled alder habitat in riparian corridors in large forest blocks throughout northern New Hampshire and provide technical assistance including forest management plans to private landowners across the region. Project will improve management on 100 acres of young forest habitat and restore 10 miles of forested riparian buffers that serve as key riparian corridors that support breeding habitats for American woodcock and other young forest dependent species. *\$209,295*

**Windham County**  
Working with Agricultural Partners to Improve Water Quality in the Connecticut River Valley (NH, VT)  
Organize a team working in agriculture and the environment to identify practices, conduct trials and assess and monitor results to inform selection of best management practices to reduce nitrogen from farms in New Hampshire and Vermont. Project will identify best practices for investment to reduce nitrogen and give agricultural producers confidence that farms are implementing the most efficient practices to meet clean water goals. *\$418,597*

NEW JERSEY

**Academy of Natural Sciences of Drexel University**  
Assessment of the Ironcolor Shiner and Co-occurring Species to Inform Conservation Planning (NJ)  
Address the need for data collection and assessment for Ironcolor Shiner through the formation of a work group, compilation of historical records, an assessment of 250 sites using environmental DNA, field surveys and an assessment of restoration opportunities. Project will provide data that will inform and support conservation planning and restoration efforts in New Jersey for at-risk species. *\$274,880*

**American Littoral Society**  
Restoring Suitability for Spawning Horseshoe Crabs and Critical Habitat for Red Knots (NJ)  
Advance the comprehensive conservation and restoration of Bayshore beach habitat critical for horseshoe crabs and shorebirds by using strategies to further reduce erosion and increase resilience to storms and climate change. Project will restore two vulnerable and highly valuable sites to both horseshoe crabs and shorebirds in Delaware Bay New Jersey and will include four hybrid breakwater structures and the restoration of 3,000 linear feet of shoreline across Fortescue Beach and Thompsons Beach. *\$1,000,000*

**Atlantic Coast Joint Venture, U.S. Fish and Wildlife Service**  
Informing Coastal Restoration Efforts to Support At-Risk Shorebird Species (DE, NJ)  
Utilize modeling to inform and implement coastal restoration planning in the Delaware Bay for at-risk saltmarsh sparrows and American oystercatchers, which use coastal marsh as breeding habitat. Project will update the existing saltmarsh vegetation community data set to identify local hot spots for both species as well as identify where both may co-occur. *\$157,538*

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts. *\$339,525*

**City of Lambertville**  
Closson Site Restoration in the Delaware River Basin (NJ)  
Manage the effects of increasing storm intensity through riparian restoration and creation of new wildlife habitat on a 4.6-acre undeveloped parcel in the City of Lambertville, New Jersey. Project will increase resiliency by improving management of 5.7 million gallons of stormwater annually, improve and create new wildlife habitat, engage the community through education and volunteer opportunities and enhance public access and recreation opportunities. *\$322,184*

**City of South Amboy**  
Rehabilitating Industrial Land along the Raritan Bay Waterfront (NJ)  
Restore 6 acres of former industrial land through marsh and living shoreline construction to enhance nesting habitat for osprey, little blue heron and snowy egret. Project will revitalize the coastal ecosystem to improve resilience to flood hazards and provide the community with safe access to the waterfront. *\$2,869,668*

**Conserve Wildlife Foundation of New Jersey**  
Tracking Red Knot and Mapping Breeding Habitat to Assess Resilience to Climate Change (CA, NJ)  
Track and monitor red knot populations to collect breeding location information and to identify suitable nesting habitat. Project will update and produce critical habitat maps for red knot breeding grounds broken out by different wintering populations and will generate maps of predicative climate change for these sites to be used for forecasting resilient habitat and developing strategies that allow for better protection of red knots and aid in their overall recovery. *\$80,000*

**Delaware River Basin Commission**  
Assessing Impacts to Water Quality in the Upper Delaware and Delaware Estuary (DE, NJ, NY, PA)  
Conduct three water quality studies to collect, assess and evaluate data in support of future monitoring and management efforts. Project will assess contaminants of emerging concern, complete estuary water quality modeling to understand the potential effects of anticipated climate change on fish habitat and complete research, monitoring and evaluation of a recreational use in support of safe and equitable recreation access. *\$498,186*

**Ducks Unlimited**  
Building Technical Capacity for the Delivery of Voluntary Conservation Programs and Outreach (NJ)  
Partner with the New Jersey Natural Resources Conservation Service to work one-on-one with private landowners and agricultural producers. Project will provide conservation technical assistance and best management practice planning, facilitate enrollment and participation in voluntary conservation programs and implement agricultural best management practices on 10,000 acres in southern New Jersey. *\$415,865*

**Ducks Unlimited**  
Working Lands for Wildlife Black Duck Partnership (DE, MD, NJ, VA)  
Advance on-the-ground delivery, help with project designs and conduct outreach to new landowners by providing engineering technical assistance to implement the Working Lands for Wildlife Black Duck program across applicable Delmarva and New Jersey wetlands. Project will lead to restoration of high-quality wetland habitat while concurrently building relationships with local landowners to foster further community/peer investment in conservation. *\$348,316*

**Groundwork Hudson Valley**  
Engaging Youth and Community for Riparian Restoration and Reforestation (NJ, NY, PA)  
Reestablish native trees in three critical watersheds: the Saw Mill River in New York, the Wallkill River in northern New Jersey and above Cherry Creek in eastern Pennsylvania. Project will foster eco-forestry skills among young people, plant over 500 trees, improve over 5 acres of riparian habitat, engage over 30 young people and over 50 volunteers. *\$50,000*

**National Wildlife Federation**  
Transforming Recreational Engagement through Innovative and Inclusive Approaches (DE, NJ, NY, PA)  
Engage urban neighborhoods and underserved communities to explore, recreate and enhance their waterways and trail systems through the removal of barriers, creation of safe spaces and opportunities for outreach and involvement. Project will increase capacity and support for restoration and protection activities in the basin through meaningful community-based educational and recreational engagement. *\$500,000*

**New Jersey Audubon Society**  
Strategic Planning for Equitable Access and Resilient Habitat (NJ)  
Create a comprehensive plan to prioritize wildlife habitat restoration actions on focal nature sanctuaries that ensure the greatest conservation impact while ensuring equitable access to recreational activities for all people of diverse backgrounds, cultures and abilities. Project will create a strategic plan for 16 properties spanning 1,105 acres within the Delaware River Watershed for wildlife habitat enhancements, natural resource protections and improved access to all people. *\$398,746*

**Pennsylvania Environmental Council**  
Circuit Trails Community Grant Program (NJ, PA)  
Expand the Circuit Trails Community Grant Program, allowing four current grantees to produce a second year of activities, five new organizations to implement projects and, through a strategic partner organization, support grantees with fishing and birding outings across the region. Project will provide grants to community-led projects that improve access to nature and outdoor recreation among underrepresented groups in Greater Philadelphia’s 375-mile Circuit Trails network. *\$212,000*

**Pinelands Preservation Alliance**  
Creating Accessible Pinelands Communities (NJ)  
Address the need for the development of resources that enhance accessible nature opportunities. Project will create an Access Nature Forum for community-building and engagement, develop the AccessNatureNJ.org website as a resource for planning visits to accessible parks and preserves, establish eco-tour programming at accessible sites and improve the accessibility of existing natural areas. *\$207,831*

**Rhode Island Department of Environmental Management**  
Wetland Migration Pathway Planning, Prioritization and Community Engagement (multiple states)  
Create a pipeline of tidal wetland migration pathway projects in areas served by National Estuarine Research Reserves (NERRS) in the Northeast, Mid-Atlantic and Southeast. Project will identify migration pathway protection opportunities and priorities, develop or improve technical products such as maps and models, build a community of practice and create resources and guides to support pathway planning and assessment for all NERRS. *\$551,816*

**Rutgers University**  
Creating a Management Plan for the Invasive Chinese Pond Mussel in the Delaware Watershed (NJ, NY, PA)  
Create a management plan and a habitat suitability map for the invasive Chinese pond mussel within the Delaware River watershed. Project will create resources for the coalition of partners currently working to eradicate this species before it threatens vulnerable freshwater ecosystems and threatened mussel species throughout the watershed. *\$191,507*

**Rutgers University**  
Increasing Effectiveness of Shorebird Predation Management (NJ)  
Conduct a systematic review of the published literature to create a user-friendly, digestible guidance manual to support the use of cameras for on-the-ground predator management. Project will develop formal technical guidance for camera use in predation management through a document that will include an overview of the types of applications for which cameras may be well-suited, clearinghouse of the equipment available and best practices for designing and implementing camera-based surveys. *\$135,000*

**Stockbridge-Munsee Community**  
Developing a Lënapehòkink Cultural Heritage Homelands Fellowship Along the Delaware River (DE, PA, NJ, NY)  
Bring Lenape Tribal young people back to ancestral lands, the Lënapehòkink, within the Delaware River watershed and in portions of New York to cultivate Tribal identity, cultural resilience and provide career orienting experiences and pathways for Tribal young people. Project will coordinate the youth immersion program, support 18 youth fellowship positions, develop a program framework and create a long-term sustainability plan for the program. *\$723,244*

**Sussex County Municipal Utilities Authority-Wallkill River Watershed Management Group**  
Ecological Uplift of the Former Culver Lake Golf Course in the Upper Paulins Kill Watershed (NJ)  
Restore and enhance 20 acres of floodplains, wetlands and headwater tributary corridors through riparian reforestation and floating treatment wetland installation on the former Culver Lake Golf Course in the Upper Paulins Kill Watershed. Project will provide best management practices that will improve water quality, enhance forested habitat connectivity for threatened and endangered species documented on site and increase outdoor recreational opportunities. *\$274,826*

**The Center for Environmental Transformation**  
Coastal Resilience Planning in Camden (NJ)  
Create a resilience plan for Camden, New Jersey to reduce risk from coastal flooding and improve watershed habitat. Project will conduct risk analysis and engage the public through educational events to inform residents about potential resilience strategies and develop a master-plan that identifies projects suitable for implementation. *\$500,027*



**The Nature Conservancy**  
Advancing Oyster Restoration with Shellfish Growers in New England, Mid-Atlantic and West Coast (multiple states)  
Deploy 2.5 million adult, diploid oysters grown by farmers to recruitment limited restoration sites throughout New England, Mid-Atlantic and West Coast regions to enhance 29.5 acres of oyster reefs. Project will improve water quality, rebuild marine habitat, advance shoreline protection and provide economic benefits to coastal communities.  
\$2,999,514

**Upstream Alliance**  
Developing a Water Trail and Recreational Programming in Camden - II (NJ)  
Establish hands-on recreational programming, hire local youths, support increased public access on the previously inaccessible Cooper River and perform preliminary work restoring wild celery in Camden, New Jersey. Project will engage over 3,000 members of the Camden community, create job opportunities for local young people, collect baseline data for future fish habitat improvements and support engagement through aquatic habitat restoration and community-based science.  
\$688,720

NEW MEXICO

**Amphibian and Reptile Conservancy**  
Community-Based Invasive Species Management for Imperiled Herpetofauna (AZ, FL, NM, SC)  
Restore reptile and amphibian habitat through innovative and effective techniques to eradicate invasive species including noxious weeds, invasive bullfrogs, crayfish and fire ants in the Coconino, Tonto, Coronado, Gila, Cibola, Francis Marion and Apalachicola national forests. Project will restore wetland and riparian habitat, establish local community crews, form an Invasive Species Council and develop educational resources for community engagement.  
\$883,455

**Bird Conservancy of the Rockies**  
Informing Full Annual Cycle Grassland Bird Conservation in the Great Plains - III (multiple states)  
Complete the third and final phase of this effort by tagging additional birds (Baird’s sparrow, Sprague’s pipit, chestnut-collared longspur and thick-billed longspur), analyzing bird movement data and developing management recommendations. Project will create data products that will be used to inform prioritized habitat conservation.  
\$208,150

**Bird Conservancy of the Rockies**  
Implementing a Monitoring Program for Wintering Grassland Birds (NM, TX)  
Conduct surveys of wintering grassland birds including Sprague’s pipits and chestnut-collared longspurs in the Chihuahuan Desert. Project will estimate the density of wintering grassland birds in the Chihuahuan Desert to provide baseline numbers of grassland bird populations informing critical on-the-ground habitat management changes to mitigate decline.  
\$300,000

**Carlsbad Soil and Water Conservation District**  
Restore Habitat for Pronghorn (NM)  
Improve grassland habitat in Eddy County through herbicide treatment of invasive mesquite and creosote and replacement of 9 miles of net wire fencing. Project will include restoration of invasive invaded grasslands throughout southeastern New Mexico, promoting pronghorn movement across large grassland areas and pronghorn friendly fence passes will be installed to reinstate historic migration patterns of the pronghorn.  
\$420,930

**Chaves Soil and Water Conservation District**  
Grassland Restoration for Pronghorn (NM)  
Install up to 10 miles of pronghorn-friendly fencing to maximize pronghorn movement across the landscape and habitat access within Chaves County, New Mexico. Project will contribute to local efforts to reestablish pronghorn populations within grassland habitats throughout the Pecos River Drainage in Chaves and Eddy counties.  
\$100,000

**National Forest Foundation**  
Rio Grande Cutthroat and Gila Trout Habitat Restoration (AZ, NM)  
Install and maintain instream structures and construct cattle and elk exclosures in the Rito Peñas Negras for Rio Grande cutthroat trout and chub. Project will develop a comprehensive plan to manage invasive species to expand habitat for Gila trout in Chase Creek. Project will reduce channel erosion, improve aquatic habitat conditions including re-wetting of wetlands as well as promote vegetation establishment and improve streambank stabilization.  
\$225,041

**Pheasants Forever**  
Increasing Migration Corridor Permeability on the Taos Plateau (NM)  
Increase migration permeability in northern New Mexico by modifying fencing. Project will remove 7 miles of wildlife-unfriendly fencing and replace it with 7 miles of wildlife-friendly fencing.  
\$53,489

**Santa Clara Pueblo**  
Riparian Wildlife Corridor Restoration and Wildfire Recovery at Santa Clara Pueblo (NM)  
Perform restoration across Santa Clara Pueblo reservation lands in the Santa Clara Creek Watershed, the lower Rio Santa Cruz and Rio Grande River. Project will reconnect, protect and restore more than 40 miles of stream corridors by managing invasive species, reestablishing native habitats, improving fencing and engaging local communities.  
\$4,250,000

**Texas Parks and Wildlife Department**  
Southern Plains Grassland Protection, Restoration and Enhancement (CO, KS, NE, NM, OK, TX)  
Support the Playa Lakes Joint Venture in work with five land trusts to advance grassland conservation across more than 250,000 acres of the Southern High Plains. Project will enable partners to deliver conservation and shared best practices according to the unique characteristics of their region while aligning their work toward a common purpose of positively and permanently benefiting habitat and wildlife.  
\$4,020,000

**The Center of Excellence**  
Combating Mesquite Encroachment (NM)  
Utilize brush-encroachment mitigation efforts to improve lesser prairie-chicken habitat and overall rangeland health through the treatment of 5,150 acres of honey mesquite in southeastern New Mexico. Project will prioritize landscape habitat connectivity initiatives by implementing brush control across multiple properties (including private and state land status) within the lesser prairie-chicken Core Management Area.  
\$141,237

**The Mule Deer Foundation**  
Strengthening Habitat Resilience and Management in the Southern Plains (CO, KS, NE, NM, OK, TX)  
Build a Southern Great Plains Habitat Initiative to improve habitat conditions for mule deer and other wildlife, assist private landowners with practices which will improve grasslands and range conditions on their properties, create climate resilient landscapes and increase carbon sequestration through the increased native vegetation within the Initiative area. Project will contribute to lesser prairie chicken recovery and conservation and grassland restoration.  
\$418,155

**Turner Endangered Species Fund**  
Rio Grande Sucker and Chub Conservation (NM)  
Remove invasive fish from 1.5 miles of Las Animas Creek to enhance Rio Grande sucker and chub recovery. Project will install two stock tanks for performing translocations during invasive removal as well as to create potential future refuge for sucker and chub.  
\$93,520

Sandhill crane in New Mexico





**Western Landowners Alliance**  
Enhancing Resiliency of the Southern Plains with Adaptive Grazing and Restoration (NM)  
Implement adaptive, process-based restoration and management to improve landscape function, support wildlife and boost economic productivity in alignment with multi-jurisdictional resource management objectives important to the Southern Great Plains. Project will advance coordinated resource management for landscape resiliency and a suite of ecosystem services on working lands through relevant technical assistance capacity.  
*\$715,097*

**World Wildlife Fund**  
Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.  
*\$163,135*

NEW YORK

**American Littoral Society**  
Long Island Sound Marine Debris Removal and Prevention (NY)  
Present environmental education about marine debris and conduct cleanups around Long Island Sound along 30 shorelines in Westchester, Queens, Suffolk and Nassau counties in New York. Project will educate people about the actions they can take to stem the tide of marine debris on their local beaches and into Long Island Sound.  
*\$87,169*

**Atlantic Soybean Council**  
Advancing Farmers for Soil Health in the Atlantic Region (DE, MD, NY, PA, VA)  
Combine regional conservation agronomy expertise with state and local level support to further advance cover crops in the Atlantic region. Project will result in 23,000 new acres of cover crops on soy/corn acres improving soil health in Delaware, Maryland, New York, Pennsylvania and Virginia and contributing to improved nutrient management in the Chesapeake watershed.  
*\$1,000,000*

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
*\$339,525*

**Bronx Children’s Museum**  
Little Stewards of the Sound in the Bronx (NY)  
Deliver a traveling exhibit on an electric “Museum On the Go!” bus, a school environmental education program and printed maps and materials about how people can take action to improve the health of Long Island Sound in the Bronx, New York. Project will promote awareness and appreciation of the Sound to 65,750 Bronx children, their families and the public.  
*\$215,075*

**Citizens Campaign Fund for the Environment**  
Mentoring Youth to Protect Long Island Sound - III (NY)  
Deliver an educational program about challenges to restoration and protection of the health and living resources Long Island Sound at high schools on Long Island, New York. Project will deliver a shared Student Action plan for the Sound.  
*\$218,445*

**City Island Oyster Reef**  
Engaging Community Environmental Education and Stewardship on City Island (NY)  
Expand stewardship, oyster reef restoration and environmental education programs at City Island, New York. Project will enhance the capacity of a grass-roots organization to provide projects and activities for the City Island community to steward Long Island Sound’s coastal habitats.  
*\$248,143*

**City of Buffalo**  
Green Infrastructure and Urban Reforestation at Ralph C. Wilson Junior Centennial Park (NY)  
Install 660 trees and shrubs at Ralph C. Wilson Jr. Centennial Park located in Buffalo, New York. Project will capture stormwater, reducing neighborhood flooding while providing much needed services to underserved residents by closing a nature gap in the City of Buffalo.  
*\$1,047,500*

**City of Buffalo**  
Resilient Shoreline Restoration at Ralph C. Wilson Jr. Centennial Park (NY)  
Restore hardened shoreline to softened shoreline and create of coastal habitat along Buffalo’s Lake Erie shoreline. Project will improve habitat and ecosystem functions to reduce impacts of flooding and erosion and will protect critical park and residential infrastructure.  
*\$4,500,000*

**Delaware River Basin Commission**  
Assessing Impacts to Water Quality in the Upper Delaware and Delaware Estuary (DE, NJ, NY, PA)  
Conduct three water quality studies to collect, assess and evaluate data in support of future monitoring and management efforts. Project will assess contaminants of emerging concern, complete estuary water quality modeling to understand the potential effects of anticipated climate change on fish habitat and complete research, monitoring and evaluation of a recreational use in support of safe and equitable recreation access.  
*\$498,186*

**Friends of Rye Nature Center**  
Riparian Restoration Plan to Reduce Nitrogen Pollution to Blind Brook and Long Island Sound (NY)  
Develop a construction-ready plan and obtain permits to restore 1,660-foot of stream corridor on Blind Brook at the Rye Nature Center in New York. Project will set the stage to restore a floodplain, freshwater wetland and river corridor and reduce polluted sediment into Blind Brook and downstream to Long Island Sound.  
*\$284,207*

**Groundwork Hudson Valley**  
Engaging Youth and Community for Riparian Restoration and Reforestation (NJ, NY, PA)  
Reestablish native trees in three critical watersheds: the Saw Mill River in New York, the Wallkill River in northern New Jersey and above Cherry Creek in eastern Pennsylvania. Project will foster eco-forestry skills among young people, plant over 500 trees, improve over 5 acres of riparian habitat, engage over 30 young people and over 50 volunteers.  
*\$50,000*

**Henry L Ferguson Museum**  
Community Engagement and Education for Eelgrass Protection on Fishers Island - II (NY)  
Build community awareness and support for voluntary long-term actions to protect eelgrass on Fishers Island in New York and in southeastern Connecticut communities. Project seeks to secure community action to sustain these important coastal habitats of Long Island Sound.  
*\$52,173*

**Housatonic Valley Association**  
Collaborating to Reduce Pollution on Farms in the Upper Housatonic Watershed (CT, MA, NY)  
Support development of on-farm collaborative conservation plans in the Upper Housatonic watershed in Connecticut, Massachusetts and New York. Project will set the stage for actions to reduce nitrogen and other pollution from upstream agricultural operations which effect downstream Long Island Sound.  
*\$193,931*

**Hutchinson River Restoration Project**  
Restoring Hutchinson River Shoreline with Education, Community and Cleanups (NY)  
Identify areas and causes of shoreline pollution and determine administratively and practically how the areas can be best restored along New York’s Hutchinson River. Project will engage 50 volunteers, remove 500 pounds of trash, increase active participation in debris clean-up activities along the river and expand public awareness of the polluted shorelines through community meetings and collaboration and information exchanges with like-minded groups.  
*\$39,930*

**Incorporated Village of Sea Cliff, New York**  
Hempstead Harbor Water Quality Monitoring Program-XV (NY)  
Conduct water quality monitoring in Hempstead Harbor in Nassau County, New York. Project will inform management of Hempstead Harbor, a water body that feeds Long Island Sound.  
*\$200,000*

**Long Island Community Foundation**  
Delivery of the Long Island Sound Community Stewardship Fund Program - V (CT, NY)  
Deliver the Long Island Sound Stewardship Fund of the Long Island Sound Funders Collaborative (LISFC) in the Long Island Sound Study boundaries of Connecticut and New York. Project will enhance the partnership between LISFC and the U.S. Environmental Protection Agency around the common mission of restoring and protecting the health and living resources of the Sound.  
*\$198,180*

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
*\$135,000*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Audubon Society**  
Planning to Enhance Coastal Resiliency with Tidal Marsh Restoration at Sunken Meadow Park - II (NY)  
Develop design plans to restore marsh at Sunken Meadow State Park in Kings Park, New York. Project will advance restoration of high marsh habitat to support saltmarsh sparrow, an iconic species of Long Island Sound and buffer the park and nearby community from storms and sea-level rise.  
*\$435,183*

**National Audubon Society**  
Engaging Forest Owners and Industry to Improve Multistate Bird Conservation Habitats (CT, NY, VT)  
Expand engagement with family forest owners and forest industry stakeholders in the St Lawrence and Connecticut river watersheds to establish three new dynamic forest blocks and continue to implement best practices within current dynamic forest blocks to drive landscape level habitat diversity. Project will restore 450 acres of early-successional habitat and 1,200 acres of late successional habitat, benefiting golden-winged warbler, wood thrush, black-throated blue warbler and American woodcock.  
*\$354,294*

**National Audubon Society**  
Expanding Be a Good Egg: Share the Shore with Shorebirds - VI (NY)  
Deliver “Be a Good Egg,” an environmental education program in the Long Island Sound watershed of New York. Project will increase support for coastal conservation and engage people in actions that help shorebirds thrive in important coastal habitats of the Sound.  
*\$241,557*

**National Audubon Society**  
Monitoring Marsh Birds in the Great Lake Region to Restore Wetlands (multiple states)  
Restore 3,000 acres of wetland across 12 priority regions of Great Lakes coastal wetlands to protect the habitat of 14 species of marsh birds. Project will restore coastal wetland at high-priority sites and build capacity of key landowning partners to incorporate marsh bird monitoring at sites with critical data gaps that support development of local marsh bird conservation networks.  
*\$1,200,000*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**National Wildlife Federation**  
Plastic Avengers: Education, Arts and Action for Students along Long Island Sound (NY)  
Deliver classroom and field-based studies for middle and high school schools in tandem with stewardship activities and events for the community in the Bronx, New York. Project will build student and public awareness about the impacts of plastic pollution and climate change on the health of Long Island Sound and their communities.  
*\$250,000*

**National Wildlife Federation**  
Transforming Recreational Engagement through Innovative and Inclusive Approaches (DE, NJ, NY, PA)  
Engage urban neighborhoods and underserved communities to explore, recreate and enhance their waterways and trail systems through the removal of barriers, creation of safe spaces and opportunities for outreach and involvement. Project will increase capacity and support for restoration and protection activities in the basin through meaningful community-based educational and recreational engagement.  
*\$500,000*

**Onondaga Environmental Institute**  
Building Resiliency in Onondaga County to Benefit Brook Trout Habitat (NY)  
Restore 2.4 miles of instream habitat and improve 3.6 miles of fish passage at three contiguous locations in the West Branch of Onondaga Creek to benefit brook trout. Project will repair and replace failing infrastructure and habitat impacted by erosion.  
*\$408,718*

**Onondaga Environmental Institute**  
Implementing Green Infrastructure to Reduce Runoff in a Polluted Urban Watershed (NY)  
Plant 500 native trees and shrubs across 5.5 acres, revegetate one mile of streambank, create seven acres of new and expanded wetland habitat, improve wetland hydrology, increase stormwater retention and stream length and reduce peak storm flows at two retention sites. Project will implement green infrastructure in the Ley Creek watershed in Onondaga County to build resiliency, mitigate residential flooding, restore hydrology, improve water quality and restore habitat for the northern pike.  
*\$466,729*

**Ontario County Soil and Water Conservation District**  
**Implementing Regenerative Agricultural on Working Farms (NY)**  
Collaborate with 10 farms to install 1,000 acres of prescribed grazing best managing practices and facilitate 1,000 acres of additional soil health related practices such as cover cropping, saving 3,000 tons of soil annually to protect water resources and improve environmental resiliency. Project will plan and implement regenerative agricultural practices on working farms in the Lake Ontario Watershed to improve economic and environmental resiliency of the agricultural community.  
*\$200,000*

**Owasco Lake Watershed Management Council**  
**Reducing Sediment in Owasco Lake (NY)**  
Reduce sedimentation in Owasco Lake, restore instream habitat by installing 20 structures and improve 2,000 linear feet to stabilize stream bank. Project will address streambank erosion in two main tributaries that encompass 60 percent of the acreage of Owasco Lake’s watershed and are responsible for approximately 40 percent of phosphorus loading into the lake.  
*\$457,840*

**Ruffed Grouse Society and American Woodcock Society**  
**Creating Dynamic Forest Blocks for Golden-winged Warbler and Other Priority Bird Species (NY, VT)**  
Launch a landscape-scale forest block conservation approach across the St. Lawrence Valley of northern New York and the Champlain Valley in Vermont by leveraging existing foresters and coordinating private and public land habitat work in focal areas and existing demonstration sites for golden-winged warbler habitat enhancement. Project will initiate two forest block landscape areas totaling 4,000 acres and restore 200 acres that will create appropriate habitat.  
*\$180,000*

**Rutgers University**  
**Creating a Management Plan for the Invasive Chinese Pond Mussel (NJ, NY, PA)**  
Create a management plan and a habitat suitability map for the invasive Chinese pond mussel within the Delaware River watershed. Project will create resources for the coalition of partners currently working to eradicate this species before it threatens vulnerable freshwater ecosystems and threatened mussel species throughout the watershed.  
*\$191,507*

**Save the Sound**  
**Constructing a Living Shoreline to Prevent Coastal Erosion at Udalls Cove (NY)**  
Create a living shoreline through oyster castle installation, native saltmarsh restoration and bioengineered stabilization techniques along 800 feet of eroding shoreline in Udalls Cove. Project will protect a critical roadway and the community from further coastal erosion and restore 3 acres of saltmarsh and 0.14 acres of oyster reef habitat.  
*\$2,380,400*

**Save the Sound**  
**Long Island Sound River Restoration - I (CT, NY)**  
Save the Sound will establish and manage the Long Island Sound River Restoration Network in the Long Island Sound watershed of Connecticut and New York. Project will more efficiently and consistently assess and advance priority fish passage and culvert replacement/right-sizing projects that benefit migratory riverine corridors, an important coastal habitat of the Sound.  
*\$249,916*

**Save the Sound**  
**Stream Barrier Inventory to Restore Fish Passage (NY)**  
Conduct an inventory of stream barriers to fish passage in Westchester County, New York. Project will inform stream restoration priorities and projects along riverine migratory corridors from upstream Westchester County to downstream Long Island Sound.  
*\$456,571*

**Soil Health Institute**  
**Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)**  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
**Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)**  
Establish a 15-month soil health training program to deliver education programming that provides state and national commodity organizations and growers with the knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

**Stockbridge-Munsee Community**  
**Developing a Lënapehòkink Cultural Heritage Homelands Fellowship Along the Delaware River (DE, PA, NJ, NY)**  
Bring Lenape Tribal young people back to ancestral lands, the Lënapehòkink, within the Delaware River watershed and in portions of New York to cultivate Tribal identity, cultural resilience and provide career orienting experiences and pathways for Tribal young people. Project will coordinate the youth immersion program, support 18 youth fellowship positions, develop a program framework and create a long-term sustainability plan for the program.  
*\$723,244*

**Suffolk County Council**  
**Boy Scouts of America**  
**Planning Fish Passage at the Baiting Hollow Boy Scout Camp (NY)**  
Conduct a site assessment and create a conceptual plan for fish passage at Lake Arrowhead in New York. Project will take the first step in restoring fish passage for river herring and American eel from Lake Arrowhead to Long Island Sound.  
*\$130,000*

**The Bronx is Blooming**  
**Community Stewardship of Long Island Sound Coastal Forest (NY)**  
Engage 1,500 community members in hands-on projects to enhance coastal forest at Soundview Park, at festivals and with school-based environmental education in the Bronx, New York. Project will increase local capacity for stewardship of an important coastal habitat of Long Island Sound and increase appreciation of the Sound’s ecology.  
*\$49,999*

**The Nature Conservancy**  
**Advancing Oyster Restoration with Shellfish Growers in New England, Mid-Atlantic and West Coast (multiple states)**  
Deploy 2.5 million adult, diploid oysters grown by farmers to recruitment limited restoration sites throughout New England, Mid-Atlantic and West Coast regions to enhance 29.5 acres of oyster reefs. Project will improve water quality, rebuild marine habitat, advance shoreline protection and provide economic benefits to coastal communities.  
*\$2,999,514*

**The Research Foundation for SUNY on behalf of SUNY Oneonta**  
**Assessing Habitat and Enhancing Resiliency for Mussel Populations in the Susquehanna (NY)**  
Address current scientific knowledge gaps and assess potential habitats needed to rebuild brook floater mussel populations. Project will develop a plan to evaluate alternative sites and conduct habitat assessments that consider stream character, substrate compositions and water quality.  
*\$73,682*

**The Research Foundation for the State University of New York**  
**Restoring Riparian and Wetland Habitats in Lake Ontario Watershed (NY)**  
Restore 50 acres of riparian-wetland habitat that have been decimated by the invasive ash borer in Genesee and Monroe counties, New York. Project will plant native trees, increase native wetland vegetation, improve water quality through reduction of nitrogen phosphorus and improve water quality and stream temperature for brook trout and pink heelsplitter mussel habitat.  
*\$266,113*

**The Trust for Public Land**  
**Green Schoolyard at IS 145Q: Providing Community Green Space and Improving Water Quality (NY)**  
Construct green infrastructure on a playground at IS 145Q Joseph Pulitzer School in Jackson Heights, Queens. Project will enhance school and community outdoor recreational space and capture 980,000 gallons of polluted stormwater annually before it flows into Bowery Bay, the East River and Long Island Sound.  
*\$449,358*

**Tioga County Soil and Water Conservation District**  
**Supporting Chesapeake Bay Watershed Restoration Across State Lines (NY, PA)**  
Utilize the Upper Susquehanna Coalition’s existing water quality program to support and accelerate restoration efforts in parts of New York and Pennsylvania’s Chesapeake Bay watershed. Project will prioritize restoration for riparian forest buffers, non-tidal wetlands and floodplains.  
*\$1,000,000*

**Town of East Hampton**  
**Living Shoreline Planning to Improve Resilience in Montauk (NY)**  
Complete site assessments and preliminary designs of living shorelines in Lake Montauk and Fort Pond to mitigate impacts of shoreline erosion and severe flooding. Project will engage and educate the community and local committees to determine effective locations and types of living shorelines most compatible with The Town of East Hampton.  
*\$350,000*

**Town of Olive**  
**Community-Driven Site Assessment and Preliminary Design of Flood Buyout Lands (NY)**  
Empower youth leaders to engage residents of the Town of Olive in imagining new uses for vacated floodplain lands to restore habitat and provide community green spaces to reduce impacts of flooding. Project will conduct soil and elevation analysis, identify wetlands and riparian areas, confirm property lines and conduct a vegetation inventory on the parcels identified for restoration.  
*\$290,765*

**Town of Southold, New York**  
**Restoring Great Pond Freshwater Wetland Habitat (NY)**  
Remove the invasive common reed plant from 3.1 acres of public and private land around the 32-acre Great Pond freshwater wetland in Southold, New York. Project will restore an important coastal habitat of Long Island Sound.  
*\$79,864*

**Town of Tusten**  
**Creating a Recreation and Open Space Plan for the Town of Tusten (NY)**  
Create an open space and recreation plan for the town of Tusten, New York using New York state’s online inventories of species and habitats of concern. Project will develop GIS maps to update the inventory alongside a planning process which will engage the public, identify areas and tools for protection and set forth an implementation framework including timelines, strategies and actions, responsible parties and resources.  
*\$75,000*

**U.S. National Park Service, Upper Delaware**  
**Evaluation of the Endangered Dwarf Wedgemussel Population (PA, NY)**  
Conduct surveys to characterize and update knowledge of the current dwarf wedgemussel population in the mainstem Delaware River. Project will design a framework that allows for repeated and comparable surveys with the potential for future implementation of a monitoring program.  
*\$86,162*

**University of Missouri**  
**Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)**  
Develop cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
**Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)**  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

**Virginia Polytechnic Institute and State University**  
**Preventing Human Disturbance of Atlantic Flyway Shorebirds - IV (multiple states)**  
Expand implementation and assessment and disseminate human behavior change strategies through the completion of pilot projects in Georgia, Connecticut, New York and South Carolina and the establishment of new projects at additional sites to address human disturbance to shorebirds– primarily red knot, American oystercatcher and whimbrel. Project will develop impactful, scalable conservation strategies that can be applied along the Atlantic coast to reduce disturbance leading to improved shorebird survival and reproductive success.  
*\$200,000*

**NORTH CAROLINA**

**Appalachian Trail Conservancy**  
**Invasive Species Management in National Forests along the Appalachian Trail (GA, NC, TN, VA, WV)**  
Monitor and remove nonnative invasive plants and protect endangered ash trees in national forest sites within the Appalachian National Scenic Trail corridor, including the Chattahoochee-Oconee, George Washington-Jefferson, Nantahala, Pisgah and Cherokee national forests. Project will engage both volunteers and Service Corps crews in on-the-ground activities to improve the ecological health of national forests in the Appalachian Mountains.  
*\$515,751*

**Bluefin Data**  
**Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)**  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
*\$339,525*

**Eastern Band of Cherokee Indians**  
**Interagency Conservation Planning for Culturally Significant Species (NC)**  
Create an interagency planning collaboration to conserve rare and culturally significant species within the greater Eastern Band of Cherokee Indians ancestral landscape in North Carolina. Project will result in data management and modelling tools, including a planning atlas, updated management plans and an integrated spatial database management system that will support strengthened conservation project partnerships.  
*\$300,000*



**EcoForesters**  
Private Forestland Restoration in Support of Golden-Winged Warbler Corridors (NC)  
Prioritize engagement with private landowners located in western North Carolina and on Tribal lands to increase access to cost share funding programs to implement planning and restoration activities benefiting wildlife within the golden-winged warbler Working Lands for Wildlife Initiative. Project will engage landowners through free workshops, consultations and resources and incentives for planning and will provide technical assistance and implementation in prioritized forest areas.  
*\$200,000*

**Forest Landowners Association**  
Engaging Private Forest Landowners to Restore Longleaf Pine (multiple states)  
Restore and maintain longleaf pine habitat and promote the collaborative conservation of at-risk species on private lands across the historical longleaf pine range. Project will provide financial assistance to private landowners to establish and maintain longleaf pine habitat, support continued engagement with the U.S. Fish and Wildlife Service in the Southeast Region to advance at-risk species recovery and develop new online tools to engage landowners in collaborative conservation efforts.  
*\$1,685,000*

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
*\$135,000*

**Manomet**  
Improving Beneficial Use Dredged Materials to aid in Coastal Resiliency (GA, NC, SC)  
Increase planning and capacity at the state level for beneficial use of dredged material to improve ecosystem health and reduce flood risk impacts. Project will identify successful projects to emulate and convene partners to identify habitat areas that can beneficially use dredged materials to increase coastal resiliency.  
*\$172,492*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**National Wildlife Federation**  
Longleaf Pine Restoration and Prescribed Fire on Private Lands (NC)  
Increase longleaf pine restoration, prescribed fire and community engagement on private lands in the North Carolina Sandhills region. Project will burn over 10,000 acres of private lands, establish over 1,000 new acres of longleaf pine, improve management on 16,000 acres, protect 600 acres of existing longleaf pine habitat with conservation easements and install 30 red-cockaded woodpecker inserts on lands enrolled in Safe Harbor agreements.  
*\$487,487*

**N.C. Foundation for Soil and Water Conservation**  
Promoting Agricultural Soil Health to Support Freshwater Aquatic Species (NC)  
Increase technical assistance and outreach capacity for best management practices to promote agricultural soil health in the High Rock Lake watershed within the Yadkin-Pee Dee River Basin. Project will reduce nutrient and sediment loading to improve water quality and benefit freshwater aquatic species health, increase technical assistance, advance soil health knowledge and increase underserved farmer participation in Farm Bill and state conservation programs.  
*\$340,586*

**North Carolina Coastal Federation**  
Designing Living Shorelines to Protect Critical Infrastructure and Estuarine Habitat (NC)  
Complete final designs for three living shorelines at Marine Corps Air Station New River and Marine Corps Base Camp Lejeune to protect critical estuarine-side infrastructure from erosion. Project will, once implemented, benefit the installation and its residents as well as provide habitat for many species of fish and wildlife, including six threatened and endangered species.  
*\$510,601*

**North Carolina Soybean Producers Association**  
Increasing Cover Crop Adoption in North Carolina with Farmers for Soil Health  
Introduce focused, higher-level conservation agronomy expertise to leverage the North Carolina Extension service network to increase cover crop implementation. Project will support enrollment of 27,500 acres of cover crops on soybean and corn acres in North Carolina and contribute to improved soil health and nutrient management across the state and in eight watersheds.  
*\$824,646*

**North Carolina State University**  
Developing a Watershed Flood Resilience Plan for the Great Coharie River (NC)  
Create a watershed-based flood resilience plan focused on nature-based solutions, designed through the lens of the Coharie Tribe land stewardship perspective. Project will serve as a model engagement process for the North Carolina Flood Resiliency Blueprint, dovetail with U.S. Department of Agriculture National Water Quality Initiative work and build Tribal capacity to increase river access.  
*\$328,187*

**North Carolina State University**  
Increasing Prescribed Burning Capacity in the South (multiple states)  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species including Bachman’s sparrow and northern bobwhite.  
*\$240,000*

**North Carolina Wildlife Resources Commission**  
Protecting Longleaf Pine Forest for the Whitehall Plantation Game Land (NC)  
Permanently protect over 1,000 acres of mature longleaf pine in North Carolina and provide opportunities for future restoration activities to benefit 37 species of greatest conservation need, including red cockaded woodpecker, northern long-eared bat, Bachman’s sparrow and others. Project will acquire the 2,895-acre Marshall Tract to be added to the North Carolina Wildlife Resources Commission’s Whitehall Plantation Game Land for public use and recreation.  
*\$517,000*

**North Carolina Wildlife Resources Commission**  
Restoring and Maintaining Longleaf Pine Habitat on Bear Garden Tract (NC)  
Enhance and maintain longleaf pine habitat and manage for the federally endangered red-cockaded woodpecker on the 12,268-acre Bear Garden Tract of Holly Shelter Game Land, located in close proximity to Marine Corps Base Camp Lejeune in eastern North Carolina as part of the Recovery and Sustainment Program. Project will support forest management activities, including prescribed burning, to improve habitat and enable future reintroduction of the red-cockaded woodpecker to the Bear Garden Tract.  
*\$436,471*

**North Carolina Wildlife Resources Commission**  
Restoring and Maintaining Longleaf Pine Habitat on Stones Creek Game Land (NC)  
Enhance and maintain longleaf pine habitat and manage for the federally endangered red-cockaded woodpecker (RCW) on the 2,575-acre Stones Creek Game Land adjacent to Marine Corps Base Camp Lejeune in eastern North Carolina as part of the Recovery and Sustainment Program. Project will support forest management activities, including prescribed burning, to improve habitat and enable future reintroduction of the RCW to Stones Creek Game Land.  
*\$53,974*

**Rhode Island Department of Environmental Management**  
Wetland Migration Pathway Planning, Prioritization and Community Engagement (multiple states)  
Create a pipeline of tidal wetland migration pathway projects in areas served by National Estuarine Research Reserves (NERRS) in the Northeast, Mid-Atlantic and Southeast. Project will identify migration pathway protection opportunities and priorities, develop or improve technical products such as maps and models, build a community of practice and create resources and guides to support pathway planning and assessment for all NERRS.  
*\$551,816*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

**The Longleaf Alliance**  
Advancing Longleaf Pine Restoration and Seedling Capacity (multiple states)  
Coordinate longleaf pine restoration across the South and address limitations to longleaf seedling quality and quantity by establishing a longleaf pine tree improvement program focused on improving longleaf genetics, expanding seed collection capacity and supporting nursery seedling capacity expansion within the historical longleaf pine range. Project will produce 20 million longleaf pine seedlings and support the coordination of 18 longleaf implementation teams implementing longleaf restoration.  
*\$4,250,000*

**The Nature Conservancy**  
Expanding Partnerships to Restore Longleaf Pine Habitat in the Cape Fear Arch Region (NC)  
Support controlled burning and habitat management and longleaf pine and wiregrass planting on partner properties and support a new partnership with the Waccamaw Siouan Tribe to promote longleaf restoration in the Cape Fear Arch landscape of North Carolina. Project will improve over 30,000 acres of existing longleaf with controlled burning and other management practices and plant 500 acres of longleaf, benefiting Bachman’s sparrow, red-cockaded woodpecker and venus flytrap.  
*\$600,000*

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

**University of Tennessee**  
DNA Analysis of Southern Appalachian Brook Trout to Inform Reintroduction and Stream Management (NC, TN)  
Conduct DNA analysis of Southern Appalachian brook trout to evaluate the success of various source populations. Project will benefit reintroduction and stream management practices through more reliable restoration with reduced impact on source populations.  
*\$95,830*

NORTH DAKOTA

**Bird Conservancy of the Rockies**  
Evaluating Impact on Grassland Birds (multiple states)  
Continue the multiyear effort to evaluate and quantify the impact of grazing management and habitat restoration projects on focal grassland bird species across the Northern Great Plains. Project will conduct three studies used to inform future grassland management to benefit bird species.  
*\$150,000*

**Bird Conservancy of the Rockies**  
Informing Full Annual Cycle Grassland Bird Conservation in the Great Plains - III (multiple states)  
Complete the third and final phase of this effort by tagging additional birds (Baird’s sparrow, Sprague’s pipit, chestnut-collared longspur and thick-billed longspur), analyzing bird movement data and developing management recommendations. Project will create data products that will be used to inform strategic spatially prioritized habitat conservation.  
*\$208,150*

**Buffalo Nations Grasslands Alliance**  
Increasing Indigenous Natural Resource Management Capacity (MT, ND, SD)  
Increase organizational capacity and Tribal natural resource management capacity and across the 16 Tribal nations of the Northern Great Plains. Project will foster Tribal game and fish agency stewardship efforts and support community led conservation partnerships.  
*\$220,000*

**Ducks Unlimited**  
Supporting Grasslands Conservation Networks in the Northern Great Plains (MT, ND, SD, WY)  
Expand and enhance existing programs, partnerships and community engagement by providing technical assistance to underserved areas, enhancing private biologists networks and supporting conservation workshops. Project will improve management on 29,000 acres, restore 1,000 acres of grasslands and restore 50 acres of wet-meadow.  
*\$500,000*

**Inter Tribal Buffalo Council**  
Restoring Buffalo Habitat for Ecosystem Health and Tribal Culture (MT, ND, NE, SD, WY)  
Develop, facilitate and manage the Buffalo Habitat Restoration and Improvement Programs to increase buffalo habitat, outreach, education and access for Tribes. Project will conduct three buffalo restoration studies used to inform management, improve management on 10,000 acres and restore 11,000 acres of buffalo habitat.  
*\$700,000*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Audubon Society**  
Great Plains Conservation through Technical Assistance for Producers (ND, SD)  
Strengthen technical assistance provided to private landowners within the Working Lands for Wildlife Great Plains Grasslands Biome in North and South Dakota. Project will sustain two positions, a range ecologist and a grassland technician and implement improved management practices such as prairie restoration, prescribed burns, regenerative infrastructure installation and landowner planning workshops.  
*\$256,437*

**National Audubon Society**  
Guiding Restoration Across the Great Plains Using Habitat Management Plans (MT, ND, NE, SD, WY)  
Improve habitat quality on private working lands across the Northern Great Plains through management agreements, technical assistance for land restoration activities and landowner education. Project will improve visibility of 2 miles of fence, remove invasive trees from 100 acres, restore lands including 2 greater sage-grouse leks, restore 20 acres of riparian habitat, improve management on 75,000 acres and restore 8,880 acres by removing invasive vegetation and conducting prescribed burns.  
*\$1,757,728*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**North Dakota Natural Resources Trust**  
Analyzing Dakota Skipper Habitat (ND)  
Use spatial surveys and landowner outreach in northwestern North Dakota to analyze the best habitat for Dakota skipper conservation efforts and work with landowners to conduct restoration activities and improve management on their lands to benefit this threatened species. Project will improve management on 1,200 acres and restore 200 acres of Dakota skipper habitat.  
*\$205,000*

**North Dakota State University**  
Empowering Farmers to Improve Soil Health through Cover Crop Adoption (ND)  
Provide science-driven technical assistance to help farmers adopt cover crops to increase soil carbon, reduce erosion and runoff and provide wildlife habitat. Project will result in at least 35,000 new acres of cover crops and provide technical assistance to more than 70 farmers.  
*\$825,000*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

**The Bee and Butterfly Habitat Fund**  
Seed A Legacy Pollinator Habitat Program (multiple states)  
Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people.  
*\$175,000*

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

**World Wildlife Fund**  
Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.  
*\$163,135*

OHIO

**Chagrin River Watershed Partners**  
Engaging Communities in Designing Stream and Wetland Restoration (OH)  
Assess restoring 2,000 feet of degraded stream and 1.5 acres of coastal wetlands, daylighting 2,600 feet of culverted stream and creating 9 acres of riparian buffer. Project will, once implemented, provide habitat for fish and waterfowl and reduce flood risk.  
*\$500,000*

**Coventry Local School District**  
Engaging Communities in Habitat Restoration and Stormwater Management (OH)  
Engage local young people, teachers, residents and FedEx employees to restore habitat, remove asphalt and manage stormwater runoff on land located in Summit County, Ohio. Project will restore 12 acres of habitat by managing invasive plants, removing tons of accumulated debris, reforesting with native trees, shrubs and understory species, as well as removing an acre of pavement and replacing it with native tallgrass prairie to reduce stormwater runoff and create an outdoor learning space.  
*\$48,600*

**Lorain County Board of Commissioners**  
Creating Habitat to Manage Suburban and Agricultural Stormwater Runoff (OH)  
Reestablish 23 acres of former agricultural cropland into floodplain and wetlands, create over 3,000 linear feet of functional stream with connected floodplain and establish 10 acres of upland habitat. Project will create more than 24 million gallons of stormwater storage, treat 3.85 million gallons annually and drain over 1,000 upstream acres of suburban and agricultural runoff before entering East Branch Black River and eventually Lake Erie.  
*\$1,000,000*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Audubon Society**  
Monitoring Marsh Birds in the Great Lake Region to Restore Wetlands (multiple states)  
Restore 3,000 acres of wetland across 12 priority regions of Great Lakes coastal wetlands to protect the habitat of 14 species of marsh birds. Project will restore coastal wetland at high-priority sites and build capacity of key landowning partners to incorporate marsh bird monitoring at sites with critical data gaps that support development of local marsh bird conservation networks.  
*\$1,200,000*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**Ohio Agriculture Conservation Initiative**  
Expanding Cover Crop Adoption to Improve Water Quality (OH)  
Utilize a network of soil and water districts throughout Ohio to engage farmers in programs to improve soil health, minimize erosion, improve water quality and encourage producers to adopt regenerative conservation practices. Project will result in a total of eight meetings annually, with incentives given to participating farmers.  
*\$120,000*

**Ohio Department of Natural Resources**  
Assessing Nature-Based Solutions to Stabilize and Enhance Shorelines (OH)  
Complete site assessment and conceptual designs for stabilizing and enhancing shoreline habitat along 2,000 feet of publicly accessible Lake Erie shoreline. Project will develop a design for a future nature-based shoreline at Geneva State Park.  
*\$150,000*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

**Temple University**  
Evaluate Targeted Implementation Strategies for Environmental Control of White-Nose Syndrome (OH, PA, WV)  
Evaluate targeted implementation strategies for environmental control of the fungal pathogen that causes white-nose syndrome during the critical period of early winter and develop specific protocols for management intervention. Project will implement treatment using polyethylene glycol in 40 hibernacula to protect little brown bats, big brown bats and tricolored bats within contaminated hibernacula and reduce or delay environmental transmission of the fungal pathogen.  
*\$204,874*

**The Bee and Butterfly Habitat Fund**  
Seed A Legacy Pollinator Habitat Program (multiple states)  
Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people.  
*\$175,000*

**The Nature Conservancy**  
Increasing Cover Crop Adoption in Ohio with Farmers for Soil Health  
Engage experienced farmers, independent crop advisors and soil and water conservation district staff and leverage existing statewide public and private networks to provide cover crop technical assistance in Ohio. Project will support enrollment of 65,000 acres of cover crops and provide technical assistance to more than 300 farmers.  
*\$1,148,079*

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*



**Western Reserve Land Conservancy**  
Restoring Urban Tree Canopy and Increasing Stormwater Storage in Cleveland (OH)  
Plant 500 trees, restore 10 city-owned vacant lots and improve and protect water quality of Lake Erie by removing 100,000 gallons of stormwater runoff annually to create more biodiverse habitats and a restored tree canopy in the urban core. Project will create a park with significant green infrastructure and plant trees in eight low-canopy target neighborhoods in Cleveland, Ohio.  
*\$480,000*

OKLAHOMA

**American Bird Conservancy**  
Improving Grassland Habitat (OK)  
Provide technical assistance and outreach with landowners in Oklahoma to develop management plans, design and implement best practices and assist with Grassland Restoration Incentive Program enrollment. Project will increase suitable grassland habitat on 23,000 acres of private/Tribal lands through prescribed grazing, prescribed fire and brush management.  
*\$179,926*

**Noble Research Institute**  
Restoring Grasslands and Wildlife Habitat through Adaptive Grazing Management (OK)  
Improve grassland ecosystem health in southern Oklahoma and inform adaptive grazing management practices on 13,500 acres of private working lands. Project will revitalize soil health and enhance wildlife habitat while allowing farmers and ranchers the ability to manage ranch operations more cost effectively.  
*\$471,240*

**North Carolina State University**  
Increasing Prescribed Burning Capacity in the South (multiple states)  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore and maintain longleaf pine ecosystems.  
*\$240,000*

**Texas Parks and Wildlife Department**  
Southern Plains Grassland Protection, Restoration (CO, KS, NE, NM, OK, TX)  
Support the Playa Lakes Joint Venture in work with five land trusts to advance grassland conservation across more than 250,000 acres of the Southern High Plains. Project will enable partners to deliver conservation and shared best practices according to the unique characteristics of their region while aligning their work toward a common purpose of positively and permanently benefiting habitat and wildlife.  
*\$4,020,000*

**The Mule Deer Foundation**  
Strengthening Habitat Resilience and Management in the Southern Plains (CO, KS, NE, NM, OK, TX)  
Build a Southern Great Plains Habitat Initiative to improve habitat conditions for mule deer and other wildlife, assist private landowners with practices which will improve grasslands and range conditions on their properties, create climate resilient landscapes and increase carbon sequestration through the increased native vegetation within the Initiative area. Project will contribute to lesser prairie-chicken recovery and conservation and grassland restoration.  
*\$418,155*

**The Nature Conservancy**  
Strengthening Grasslands Resilience in the Southern Plains (KS, OK)  
Leverage conservation programs, organizational resources and conservation anchor properties, outpacing threats within high-priority landscapes and piloting a stronghold-based framework to sustain and restore ecological goods and services provided by Southern Plains Grasslands. Project will build a scalable model for grassland development, long-term voluntary conservation of high-quality habitat in large blocks to sustain ecological function, biodiversity and climate resilience over time.  
*\$492,287*

**United Keetoowah Band of Cherokee in Oklahoma**  
River Cane Ecosystem Conservation and Connection to Keetoowah Traditional Practices (AR, OK)  
Identify, map, restore and manage endangered river cane ecosystems within the historic homelands of the United Keetoowah Band through the Keetoowah River Cane Conservation Program. Project will provide new opportunities for Tribal members to access outdoor recreation sites, gather river cane for cultural uses and participate in educational activities of culturally significant uses and interactions with river cane unique to Keetoowah traditions.  
*\$1,907,136*

**World Wildlife Fund**  
Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.  
*\$163,135*

OREGON

**Cascade Pacific Resource Conservation and Development Area**  
Restoring Two Historic Wetlands to Reduce Flooding, Improve Water Quality and Freshwater Habitat (OR)  
Restore 116 acres on two private agricultural properties to historical freshwater pasturine wetlands in the core coastal coho salmon lake system in Oregon. Project will restore natural functions to this priority basin and will monitor results in improvements of native fisheries and water quality in the Tenmile Lakes watershed.  
*\$2,996,609*

**Cascade Pacific Resource Conservation and Development**  
Underserved Student Engagement in Migratory Bird Education and Conservation (OR)  
Bring nature and wetland education, as well as habitat restoration, to students in underserved Portland neighborhoods, educating 255 young people in watershed health, habitat restoration, climate change and bird migration. Project will restore 6 acres, reach 1,500 community members and deliver ecology programming to students to better connect ecological concepts to the effect they can have on their communities.  
*\$40,398*

**Clackamas County Water Environment Services**  
Building Ecological and Flood Resiliency in Mountain Scott Creek Floodplain (OR)  
Restore 3.5 acres of floodplain, improve 5,000 linear feet of stream, construct 2 acres of new wetlands and adjust existing flood reduction structure to restore conditions for threatened wild salmon and steelhead. Project will enhance resilience from intensified storms and stream erosion for community infrastructure and reduce flooding of downstream properties.  
*\$3,834*

**Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians**  
Tidal Wetland Restoration to Improve Oregon Coast Coho Salmon Habitat  
Restore populations of Oregon Coast coho salmon by reestablishing floodplain connection and improve natural watershed processes on over 180 acres of tidal wetland in the Siuslaw River Estuary on the Oregon Coast. Project will implement recently completed plans to remove and replace existing tide gate, breach an artificial levee, place large woody debris, reestablish and monitor tidal wetland vegetation and implement additional priority actions identified in coho recovery plans.  
*\$3,515,138*

**Curry County Soil and Water Conservation District**  
Treatment of Invasive Plants to Protect Siskiyou National Forest (OR)  
Manage established invasive gorse and English ivy to benefit native forest, pastureland and riparian forest and reduce the threat of catastrophic wildfire within the Rogue River-Siskiyou National Forest. Project will contain the spread of invasive species at priority sites and strengthen collaboration between dozens of federal, state and local land managers, nonprofits, Tribal Nations, ranchers, small woodland owners and industrial timber.  
*\$700,000*

**Deschutes Land Trust**  
Conserving the Aspen Valley Ranch and Pitchfork T Properties (OR)  
Conserve the Aspen Valley Ranch and Pitchfork T properties in Oregon to perpetually restrict development, surface alteration and commercial uses for the benefit of pronghorn, elk and mule deer. Project will place a total of 4,000 acres under long-term conservation easements.  
*\$53,128*

**Deschutes Land Trust**  
Restoration of Riparian Habitat for Steelhead and Chinook Salmon (OR)  
Restore riparian habitat through creation of new baseflow stream channels and restoration of floodplains, wetlands and uplands in Ochoco Preserve. Project will renew ecologic functionality of waterways to aid in the reintroduction of Chinook salmon and summer steelhead, restore perennial wetlands that mimic historic conditions, reconnect floodplains and improve water quality.  
*\$200,000*

**Klamath Soil and Water Conservation District**  
Buchanan Tailwater Recovery (OR)  
Install a pipe to pump nutrient-rich tailwater onto an agricultural field rather than directly into Upper Klamath Lake. Project will enhance irrigation efficiency and prevent sediment and excess nutrients from entering the lake, improving habitat for endangered suckers and redband trout.  
*\$4,100*

**Lower Nehalem Watershed Council**  
Cold Water Refugia for Native Salmon and Trout at the Salmonberry-Nehalem River Confluence (OR)  
Complete designs for and install instream structures to provide vegetative cover for coho salmon, Chinook salmon, steelhead trout and cutthroat trout. Project will enhance 0.2 miles and 2.5 acres of instream habitat in a cold-water refugia at the confluence of the Salmonberry and Nehalem rivers.  
*\$100,000*

**Monarch Joint Venture**  
Expanding Working Lands Free Seed Program for Monarchs and Pollinators (CA, OR)  
Expand the California Working Lands Free Seed Program to include Oregon and provide technical assistance, seed mixes and milkweed seedlings to public lands, private working lands and private non-working lands including businesses, corporate campuses, school campuses, community sites and solar energy sites in California and Oregon. Project will improve 500 acres, restore 200 acres, host 15 events, sustain jobs and reach 550 people.  
*\$207,737*

**Nez Perce Tribe**  
Restoring Sockeye Salmon Habitat (OR)  
Enable a collaboration among two federally recognized Tribes, an irrigation district and the state of Oregon to complete rehabilitation of the Wallowa Dam to balance rural community resilience and economic benefit with improved aquatic habitat connectivity for at-risk fish. Project will complete final design, engineering and construction at the high-hazard dam to connect hundreds of miles of sockeye salmon spawning habitat.  
*\$5,041,492*

**North Fork John Day Watershed Council**  
Mine Tailing and Water Quality Restoration (OR)  
Restore historic and natural floodplain conditions, enhance native plant communities and create fish habitat benefiting steelhead, bull trout and Chinook salmon. Project will clean up mine tailings to benefit Bull Run Creek aquatic habitat and build a cooperative effort between the North Fork John Day Watershed Council, the Confederated Tribes of the Umatilla Indian Reservation and the Whitman Ranger District of the Wallowa Whitman National Forest.  
*\$509,269*

**Oregon Department of Fish and Wildlife**  
Reducing Threats to Imperiled Oak Savannah and Woodland Ecosystems (OR)  
Reduce the threats of fire exclusion and conifer encroachment in oak savanna habitat through restoration actions in the Upper Rogue Watershed. Project will stabilize populations of oak-prairie dependent wildlife species, steward oak-prairie ecosystems that are resilient to degradation from climate, extreme fire, insects and disease.  
*\$2,787,679*

**Oregon Department of Land Conservation and Development**  
Planning for Resilience on Oregon Coast  
Engage coastal communities through coastal resilience assessments, site cost-benefit analyses and setting coastal resilience priorities. Project will empower coastal communities to plan and implement coastal resilience activities and accomplish broader resiliency goals and restoration priorities in highly vulnerable estuaries.  
*\$289,447*

**Oregon Desert Land Trust**  
Trout Creek Ranch Acquisition (OR)  
Protect the Trout Creek Ranch of southeastern Oregon for future management and restoration work to benefit Lahontan cutthroat trout and greater sage-grouse. Project will acquire 16,645 acres, 10,940 of which will be opened for public use, resulting in 258,850 acres of conservation lands connected.  
*\$250,000*

**Oregon State University**  
Analyzing Data on Klamath Redband Trout (OR)  
Translate empirical data for redband trout from previous field studies into the Upper Klamath Basin Watershed Action Plan’s Interactive Reach Prioritization Tool. Project will be used to guide conservation by quantifying patterns of juvenile redband trout rearing and habitat conditions in the Upper Klamath Basin.  
*\$91,600*

**Pollinator Partnership**  
Habitat for Western Monarchs (CA, OR)  
Improve habitat for monarch butterflies by providing technical support to agricultural producers on private working lands. Project will improve 1,000 acres, develop 10 plans, propagate 8,000 milkweed seedlings, collect 500 pounds of milkweed seed, reach 110 people and host 10 workshops.  
*\$174,890*

**The Freshwater Trust**  
Increase Salmon and Steelhead Habitat (OR)  
Develop transferable models that identify and prioritize sites within the Sandy River basin where floodplain restoration can decrease flood risk to human populations and infrastructure while increasing salmon and steelhead abundance. Project will facilitate the implementation of on-the-ground floodplain restoration in the basin.  
*\$1,100,511*

**The Mule Deer Foundation**  
Migration Corridors and Winter Range Initiative - III (multiple states)  
Enhance rangeland habitat across the Rocky Mountain Region to benefit mule deer, sage-grouse and other native wildlife species. Project will improve 10 miles of fencing to wildlife-friendly specifications, remove 10 miles of wildlife-unfriendly fencing, manage 4,500 acres for invasive annual grasses, remove invasive juniper from 500 acres of rangeland and replant 3,000 acres.  
*\$491,786*

**The Xerces Society**  
for Invertebrate Conservation  
Expanding Monarch and Pollinator Habitat Kit Program to Support Western Monarchs (CA, OR)  
Increase habitat by expanding the Monarch and Pollinator Habitat Kit Program and providing technical assistance to 40 land managers in California and Oregon. Project will improve 176 acres and sustain six jobs.  
*\$175,000*

**University of California, Davis**  
Klamath Basin Experimental Chinook Release and Monitoring (CA, OR)  
Conduct experimental release and acoustic monitoring of spring-run Chinook salmon to the upper Klamath Basin to inform restoration and reintroduction priorities. Project will inform adaptive management following the federally approved removal of four major dams on the Klamath River, which will open hundreds of miles of historical salmon habitat.  
*\$41,192*

PENNSYLVANIA

**Alliance for the Chesapeake Bay**  
Accelerate the Implementation and Restoration of Riparian Forest Buffers (MD, PA)  
Utilize state and local partnerships to accelerate the implementation and restoration of riparian forest buffers in Maryland and Pennsylvania. Project will address the specific conservation needs of farmers and prioritize best management practices that reduce nutrient and sediment pollution runoff, restore riparian forest habitat, improve the instream habitat and contribute to the overall sustainability of the farms.  
*\$646,754*

**Alliance for the Chesapeake Bay**  
Incentivize the Implementation of Priority Conservation Practices on Farms (PA)  
Partner with Perdue Farms to incentivize the implementation of priority conservation practices. Project will improve best management practices for vegetative environmental buffers, riparian forest buffers, manure stacking/composting sheds and stormwater controls.  
*\$1,000,000*

**Alliance for the Chesapeake Bay**  
Leveraging Partnerships and Funding for Cost-Effective Water Quality Improvements (PA)  
Implement over 40 best management practices across 11 farms to reduce nitrogen runoff by over 47,100 pounds a year. Project will result in improved riparian forest buffers and improved management of manure, crop fields and loafing lot areas.  
*\$1,000,000*

**American Bird Conservancy**  
Creating and Enhancing Habitat Mosaic in Upper Watersheds and Forest Systems (PA)  
Improve habitat conditions within two upper tributary watersheds encompassing approximately 1,400 acres in the Michaux State Forest. Project will stabilize and build resiliency in several wildlife populations, including eastern brook trout, timber rattlesnake and ruffed grouse.  
*\$749,581*

**American Bird Conservancy**  
Restoring Dynamic Forest Structure for Priority Birds in Delaware River Watershed - VII (PA)  
Implement a comprehensive and focused approach to forest bird conservation via Dynamic Forest Restoration Blocks (DFRB), by drafting a comprehensive plan and implementing forest management in the new 9,632 acre Long Pond DFRB and revising the existing DFRB plan for SGL 180. Project will diversify stand age classes and increase structural complexity of forests within American Bird Conservancy’s Poconos Birdscape to help meet the full breeding season habitat needs of many forest bird species.  
*\$685,723*

**Atlantic Soybean Council**  
Advancing Farmers for Soil Health in the Atlantic Region (DE, MD, NY, PA, VA)  
Combine regional conservation agronomy expertise with state and local level support to further advance cover crops in the Atlantic region. Project will result in 23,000 new acres of cover crops on soy/corn acres improving soil health in Delaware, Maryland, New York, Pennsylvania and Virginia and contributing to improved nutrient management in the Chesapeake watershed.  
*\$1,000,000*

**Bat Conservation International**  
Advancing Recovery of Two Bat Species Through Comprehensive Foraging Habitat Management in Pennsylvania  
Evaluate targeted implementation strategies for environmental control of the fungal pathogen that causes white-nose syndrome during the critical period of early winter and develop specific protocols for management intervention. Project will implement treatment using polyethylene glycol in 40 hibernacula to protect 622 little brown bat, big brown bat and tricolored bats within contaminated hibernacula and reduce or delay environmental transmission of the fungal pathogen.  
*\$249,931*

**Brandywine Red Clay Alliance**  
Stream Restoration at East Branch Red Clay Creek Headwaters (PA)  
Implement a stream restoration and riparian buffer planting project along 1,360 linear feet of stream that includes 1.1 acres of new forested riparian buffer. Project will address an incised, heavily impacted stream with steeply eroding stream banks by implementing stream bank grading, instream structures and habitat improvements to support restoration efforts on the impaired Upper East Branch of the Red Clay Creek.  
*\$126,547*

**Clean Air Council**  
Building Capacity for Cobbs Creek Watershed Coalition Efforts (PA)  
Develop a formal support structure for the Cobbs Creek Watershed in the form of a coalition to build capacity and better coordinate efforts that improve the watershed and reduce barriers to residents accessing Cobbs Creek Park in Philadelphia, Pennsylvania. Project will engage residents through community-led programming, activities and stewardship of the watershed leading to increased use of the park, reduced pollution and improved water quality.  
*\$266,452*

**Clear Water Conservancy of Central Pennsylvania**  
Permanently Conserving Forest Habitats and Wildlife in Centre County (PA)  
Permanently conserve over 250 acres of vital forest and wildlife habitat. Project will create an updated forest management plan to enhance existing young forest habitat on the property and educate local foresters and landowners about the importance of prioritizing imperiled birds and other wildlife species.  
*\$155,683*

**Conservation Foundation of Lancaster County**  
Floodplain Restoration on Indian Run (PA)  
Restore approximately 860 linear feet along Indian Run in the Little Conestoga River watershed. Project will create more than a half acres of floodplain wetland habitat.  
*\$455,577*

**Conservation Foundation of Lancaster County**  
Reducing Nitrogen Loading (PA)  
Establish a funding model with more flexible dollars managed at the local level available to implement projects to cost effectively reduce nitrogen loading. Project will result in conservation outcomes of nutrient and sediment reductions to improve water quality, as well as farm management co-benefits by improving operational efficiencies and reducing out-of-pocket costs of farmers.  
*\$1,000,000*

**Delaware River Basin Commission**  
Assessing Impacts to Water Quality in the Upper Delaware and Delaware Estuary (DE, NJ, NY, PA)  
Conduct three water quality studies to support future monitoring and management efforts. Project will assess contaminants of emerging concern, complete estuary water quality modeling to understand the potential effects of anticipated climate change on fish habitat and complete research, monitoring and evaluation of a recreational use in support of safe and equitable recreation access.  
*\$498,186*

**Delaware River Waterfront Corporation**  
Designing and Planning for the South Philadelphia Wetlands Park (PA)  
Complete the environmental assessments and permitting activities needed to advance the conceptual South Philadelphia Wetlands Park into final construction documents. Project will lay the groundwork for an innovative park that will feature restored wetlands set amidst disused pier structures in the heavily urbanized Upper Estuary of the Delaware Rivert.  
*\$150,000*

**East Bradford Township**  
Developing an Engaging Plum Run Trail (PA)  
Construct a 0.25-mile segment of accessible trail and accompanying outdoor interpretive center at the Plum Run Preserve in West Chester Borough, opening up 12 new acres for public access. Project will improve outdoor recreational access to a recently restored section of Plum Run and complete reforestation of 2.6 acres of riparian buffer along Plum Run through the planting of 500 native trees.  
*\$250,000*

**Fairmount Park Conservancy**  
Shedbrook Creek Restoration and Sedge Meadow Improvement (PA)  
Restore and enhance instream habitat, establish 6 acres of riparian habitat, increase tree canopy along the stream and convert fragmented, low-quality wetlands into a higher functioning, emergent wetland/sedge meadow ecosystem at a park in Philadelphia, Pennsylvania. Project will create and enhance fish and wildlife habitat, provide new public access and opportunities for water-based recreation and increase the park’s flood storage capacity and climate resiliency.  
*\$1,500,000*

**French and Pickering Creeks Conservation Trust**  
Planning and Design for the Ecological Restoration along French Creek (PA)  
Complete planning for the restoration of the French Creek riparian corridor along 4,800 of impaired, incised stream channel and 246 acres of surrounding protected wetland and upland habitats. Project will generate a mosaic of habitats and increase floral and faunal diversity while addressing regional water quality objectives, improving floodplain resilience and creating opportunities for outreach and community-based science.  
*\$162,103*

**Friends of the Pittsburgh Urban Forest**  
Increasing Pittsburgh’s Urban Tree Canopy (PA)  
Collaborate with 20 nonprofits to expand Pittsburgh’s urban tree canopy, create new green jobs and increase canopy coverage in underserved communities. Project will plant 2,375 trees targeting low-canopy areas and will partner with a workforce development organization to conduct ongoing maintenance.  
*\$207,401*

**Friends of the Wissahickon**  
Pachella Gully Restoration and Public Access Improvements (PA)  
Restore an actively eroding 500-foot gully through implementation of green stormwater infrastructure in the Wissahickon Valley Park, Philadelphia. Project will install green stormwater infrastructure that will both improve water quality in Wissahickon Creek and restore access to the Pachella access trail for the park’s over 2 million annual visitors.  
*\$569,120*

**Fund for the Water Works**  
Planning and Design for the Fairmount Water Works Floating Water Workshop (PA)  
Complete the planning and design documentation needed to build the Fairmount Water Works Floating Water Workshop. Project will create construction bid packets for the unique waterfront field station and learning center that will improve recreational access and educational opportunities for the community.  
*\$225,000*

**Green Forests Work**  
Restoring Forest Habitat on Privately Owned Legacy Mine Lands in Western Pennsylvania  
Restore forest habitat on privately owned legacy minelands in Clearfield and Jefferson counties in western Pennsylvania that will benefit birds and pollinators, especially those that rely on young forest habitat. Project will reestablish native forest cover on approximately 300 acres through the planting of approximately 210,000 native tree and shrub seedlings that, in the long-term, will improve forest structural diversity, enhance water and air quality and increase carbon storage.  
*\$365,760*

**Groundwork Hudson Valley**  
Engaging Youth and Community for Riparian Restoration and Reforestation (NJ, NY, PA)  
Reestablish native trees in three critical watersheds: the Saw Mill River in New York, the Walkill River in northern New Jersey and above Cherry Creek in eastern Pennsylvania. Project will foster eco-forestry skills among young people, plant over 500 trees, improve over 5 acres of riparian habitat, engage over 30 young people and over 50 volunteers.  
*\$50,000*

**Huntingdon County Conservation District**  
Protecting High Usage Areas in Priority Watersheds in Huntingdon (PA)  
Partner with two farms to plan and implement agricultural best management practices on the properties. Project will significantly reduce the farm-nutrient and sediment pollution into Saddler Creek and into Crooked Creek, two components of the broader Chesapeake Bay watershed.  
*\$888,000*

**Indiana University of Pennsylvania Research Institute**  
Managing Forests to Restore Diverse Habitats through Public-Private Partnerships (MD, PA)  
Develop and implement forest management plans that create habitat for diverse forest bird species on state-owned and neighboring privately owned lands. Project will develop a dynamic forest management plan for one new forest block, implement forest management practices in five established dynamic forest blocks and promote incentives for private landowners to practice oak silviculture.  
*\$500,000*

**John Bartram Association**  
Youth Workforce Development Pilot (PA)  
Create a one-year pilot of a paid youth workforce development program focused on preparing local high school students for careers in wetland and riparian management, ecology and horticulture. Project will develop a curriculum in keeping with best practices for managing and maintaining a range of habitats present within Bartram’s Garden and other regional ecosystems, including wetlands, riparian buffers, living shorelines and pollinator habitat.  
*\$251,320*

**Lancaster Farmland Trust**  
Reducing Nitrogen on Preserved Farms (PA)  
Reduce nitrogen flowing into the Chesapeake Bay through agricultural and stream best management practices on 10 preserved farms in the Pequea Creek watershed. Project will assist the farmers in updating their conservation plans to include the recommended best management practices, secure design and engineering for each project and hire contractors to implement these impactful best management practices.  
*\$412,410*

**Lower Merion Conservancy**  
Engaging Community Stakeholders to Reduce Road Salt Burden to Local Streams (PA)  
Complete an analysis of the understudied behavioral drivers behind municipal and non-municipal road salt application through the engagement of stakeholders. Project will provide a cost-benefit analysis for municipalities to consider environmentally sensitive alternatives to salt and provide a model for other watershed partners.  
*\$186,526*

**Lower Merion Conservancy**  
Improving Habitat and Water Quality (PA)  
Address challenges presented in two suburban tributaries of the Lower Delaware River watershed by assessing the impacts of increasing riparian buffers within the watersheds. Project will establish a wireless water quality monitoring network in 4 acres of the study region and work with 900 students, improving understanding of the timing and magnitude of stormwater runoff.  
*\$42,854*



**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**National Wildlife Federation**  
Transforming Recreational Engagement through Innovative and Inclusive Approaches (DE, NJ, NY, PA)  
Engage urban neighborhoods and underserved communities to explore, recreate and enhance their waterways and trail systems through the removal of barriers, creation of safe spaces and opportunities for outreach and involvement. Project will increase capacity and support for restoration and protection activities in the basin through meaningful community-based educational and recreational engagement.  
*\$500,000*

**Nine Mile Run Watershed Association**  
Restoring Fern Hollow Valley in Frick Park (PA)  
Restore the corridor around Fern Hollow Creek where it flows through Frick Park in Pittsburgh, Pennsylvania, in the aftermath of the 2022 Fern Hollow Bridge collapse. Project will engage 200 volunteers from nearby communities to restore a 5- to 10-acre corridor along the creek through litter cleanups, invasive species removal, habitat restoration and provide educational opportunities for 150 local school students.  
*\$49,917*

**North Roots**  
Urban Agriculture Community Engagement (PA)  
Expand community garden space and production of food-producing plants, shrubs and trees to increase habitat for pollinators, migratory birds and to benefit water quality in North Philadelphia. Project will train volunteers through harvesting events, volunteer workdays and educational workshops for maintaining urban green spaces.  
*\$75,000*

**Pennsylvania Department of Conservation and Natural Resources**  
Building Capacity for Expanding Pennsylvania’s Woods and Meadows (PA)  
Capitalize on landowner interest in riparian restoration programs in the Delaware Watershed. Project will provide necessary technical assistance and capacity to implement 100 acres of riparian forest buffers and lawn conversion projects, plant 6,000 trees and support urban forests and pollinator habitat.  
*\$1,200,000*

**Pennsylvania Environmental Council**  
Circuit Trails Community Program (NJ, PA)  
Expand the Circuit Trails Community Grant Program, allowing four current grantees to produce a second year of activities, five new organizations to implement projects and, through a strategic partner organization, support grantees with fishing and birding outings across the region. Project will provide grants to community-led projects that improve access to nature and outdoor recreation among underrepresented groups in Greater Philadelphia’s 375-mile Circuit Trails network.  
*\$212,000*

**Pennsylvania Fish and Boat Commission**  
Improving Access to Delaware River - III (PA)  
Provide grants to public entities, including townships, boroughs, municipal and county governments as well as nonprofit groups for the planning, acquisition, development, expansion and rehabilitation of boating facilities located in the Pennsylvania portion of the Delaware River Watershed in order to improve public fishing and recreation access. Project will ensure that boaters and anglers in the Delaware River watershed have safe, clean and updated boating facilities.  
*\$1,000,000*

**Pennsylvania Game Commission**  
Targeted Grassland Habitat Restoration and Management (PA)  
Increase priority grassland habitats for at-risk bird species in targeted geographies across Pennsylvania. Project will increase species population resiliency through native habitat planting, herbicide application, invasive species management and prescribed fire on high-quality public lands habitat while facilitating the expansion of these techniques onto private lands.  
*\$2,600,000*

**Pennsylvania State University**  
Accelerating Watershed Conservation in the Lower Susquehanna (PA)  
Enhance existing partnerships to accelerate the implementation of watershed conservation practices in a high-priority region. Project will engage congregations through volunteer programs, initiate green infrastructure projects in places of worship and support congregational members in adopting conservation practices on their farms.  
*\$999,997*

**Radnor Township**  
West Wayne Preserve Wooded Wetlands Restoration and Habitat Enhancement (PA)  
Remove contaminated soils, effectively manage stormwater and plant more than 1,300 trees in the West Wayne Preserve Friends of Radnor Trail Park in Wayne Township, Pennsylvania. Project will restore the ecological function of the wooded wetland and provide water quality improvements over the 44-acre park.  
*\$461,538*

**Ruffed Grouse Society**  
Engaging Private Landowners in Forest Management for Forest Bird Species (PA)  
Expand the delivery of technical and financial assistance to private landowners to create young forest habitat for golden-winged warblers and mature forest habitat for wood thrush and carbon storage. Project will result in the improvement of 1,200 acres of habitat for golden-winged warblers and wood thrush and will engage hundreds of local volunteers in hands-on projects.  
*\$498,519*

**Ruffed Grouse Society**  
Improving Early and Late Successional Habitats Along the Kittatinny Ridge (PA)  
Work with partners to apply forest management practices to benefit more than 1,600 acres of habitat along the Kittatinny Ridge. Project will control invasive plants, enhance late-successional habitat characteristics, create early-successional habitats through regeneration harvests and improve roads to better enable forest management and habitat restoration.  
*\$546,497*

**Rutgers University**  
Creating a Management Plan for the Invasive Chinese pond mussel in the Delaware Watershed (NJ, NY, PA)  
Create a management plan and a habitat suitability map for the invasive Chinese pond mussel within the Delaware River watershed. Project will create resources for the coalition of partners currently working to eradicate this species before it threatens vulnerable freshwater ecosystems and threatened mussel species throughout the watershed.  
*\$191,507*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a soil health training program to deliver education programming that provides state and national commodity organizations and growers with the knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

**Stockbridge-Munsee Community**  
Developing a Lĕnapehòkink Cultural Heritage Homelands Fellowship Along the Delaware River (DE, PA, NJ, NY)  
Bring Lenape Tribal youth back to ancestral lands, the Lĕnapehòkink, within the Delaware River watershed and in portions of New York to cultivate Tribal identity, cultural resilience and provide career orienting experiences and pathways for Tribal youth. Project will coordinate the youth immersion program, support 18 youth fellowship positions, develop a program framework and create a long-term sustainability plan for the program.  
*\$723,244*

**Stonehurst Hills Community Association**  
Reforestation of Stonehurst Hills (PA)  
Establish a sustained conservation effort to reforest and create green stormwater management infrastructure in Delaware County, Pennsylvania. Project will plant 100 native trees, design and implement a variety of stormwater management best practices, educate community members and create a Community Green Team to recruit neighbors for native tree plantings and lawn conversions.  
*\$118,075*

**Stroud Water Research Center**  
Advancing Forest Buffers (PA)  
Advance forest buffer capacity and implementation throughout Pennsylvania’s Chesapeake Bay watershed. Project will work across eight counties to train and support conservation professionals, make funding readily available, identify interested landowners and assist with implementation.  
*\$999,996*

**Stroud Water Research Center**  
DRWI Pollution Assessment - II  
Conduct a Pollution Assessment of Delaware River Basin Initiative conservation projects. Project will estimate hot spots of excess nonpoint source pollution in stream reaches and catchments of the Delaware River Watershed, improve water quality through restoration activities and estimate the remaining restoration and preservation opportunities to meet water quality goals.  
*\$84,000*

**Temple University**  
Evaluate Targeted Implementation Strategies for Environmental Control of White-Nose Syndrome (OH, PA, WV)  
Evaluate targeted implementation strategies for environmental control of the fungal pathogen that causes white-nose syndrome during and develop specific protocols for management intervention. Project will implement treatment using polyethylene glycol in 40 hibernacula to protect little brown bats, big brown bats and tricolored bats within contaminated hibernacula and reduce or delay environmental transmission of the fungal pathogen.  
*\$204,874*

**Tioga County Soil and Water Conservation District**  
Chesapeake Bay Watershed Restoration (PA, NY)  
Utilize the Upper Susquehanna Coalition’s existing water quality program to support and accelerate restoration efforts in parts of New York and Pennsylvania’s Chesapeake Bay watershed. Project will prioritize restoration for riparian forest buffers, non-tidal wetlands and floodplains.  
*\$1,000,000*

**Trout Unlimited**  
Conservation Planning in Central Appalachia (PA)  
Enhance populations of brook trout, eastern hellbender and native freshwater mussels in the Tionesta Creek and Clarion River watersheds. Project will work with partners to develop and implement a multiyear conservation plan to achieve stream restoration goals and build capacity through hands-on training, initially focused on designing road-stream crossings.  
*\$189,378*

**Trust for Public Land**  
Protect and Restore Habitats (PA)  
Protect and restore the Penn Haven property consisting of 1,140 acres in the Black Creek Gorge of Carbon County, Pennsylvania. Project will allow the Borough of Weatherly to develop a public trail connecting the town with Lehigh Gorge State Park and the 165-mile Delaware & Lehigh Trail, which will increase recreation opportunities and public access to the watershed in addition to providing conservation value as a focal area for eastern brook trout and forest bird habitat.  
*\$1,500,000*

**U.S. Endowment for Forestry and Communities**  
Creating Forests on Legacy Mine Lands (PA)  
Implement forest restoration on privately owned legacy minelands in Pennsylvania and place conservation easements on participating properties. Project will plant 170,000 new trees to create needed young forest habitat, offer permanent protection for these trees and demonstrate a financing model that can be replicated elsewhere in Appalachia.  
*\$250,000*

**U.S. National Park Service, Upper Delaware**  
Evaluation of the Endangered Dwarf Wedgemussel Population (PA, NY)  
Conduct qualitative and quantitative surveys to characterize and update knowledge of the current dwarf wedgemussel population in the mainstem Delaware River. Project will design a framework that allows for repeated and comparable surveys with the potential for a future monitoring program.  
*\$86,162*

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

**University of Pittsburgh**  
Deploying Automated Acoustic Recorders (PA)  
Expand the use of automated acoustic recorders to monitor populations of golden-winged warbler, wood thrush, cerulean warbler in two dynamic forest restoration blocks in Pennsylvania. Project will deploy 350 recorders in the 2023 field season, analyze the recordings utilizing machine learning and expert human listeners and estimate species occupancy and abundance at each site.  
*\$81,940*

**West Cocalico Township Authority**  
Improving Water Quality (PA)  
Improve water quality in West Cocalico Township by partnering with farmers to implement agricultural conservation practices that reduce nitrogen pollution. Project will implement 630 acres of conservation practices, including cover crops, no-till and adaptive nutrient management.  
*\$212,960*

**Western Pennsylvania Conservancy**  
Restoration of Aquatic Organism Passages (PA)  
Partner with the Pennsylvania Fish and Boat Commission to improve aquatic connectivity through barrier removals. Project will prioritize barrier removals based on conservation need and will collaborate with state agencies, nonprofits and academic institutions to remove at least 10 priority barriers.  
*\$284,385*

**Western Pennsylvania Conservancy**  
Restoring and Reconnecting Habitat for Brook Trout, Hellbenders and Mussels (PA)  
Restore and reconnect aquatic habitats for eastern brook trout, eastern hellbender and freshwater mussels within the Allegheny National Forest and neighboring state lands. Project will remove one derelict dam and replace four failing culverts at road-stream crossings that will provide access to 5 miles of upstream habitat and enhance instream habitat along 15 miles of stream.  
*\$404,750*

**Western Pennsylvania Conservancy**  
Restoring Freshwater Mussel Communities (PA)  
Establish a partnership among state, academic and nonprofit entities to enhance freshwater mussel restoration efforts in the West Branch Susquehanna River. Project will prioritize the resilience and propagation of mussels within the watershed while improving aquatic habitat and water quality.  
*\$411,508*

**York County Rail Trail Authority**  
Floodplain Restoration on Oil Creek (PA)  
Restore more than a mile of Oil Creek to improve water quality and protect a planned trail corridor to improve local public access. Project will restore up to eight acres of historic wetlands.  
*\$500,000*

RHODE ISLAND

**City of Providence**  
Designing Providence Riverwalk to Improve Resilience and Habitat (RI)  
Develop final designs to naturalize the Providence Riverwalk to improve water quality, resiliency and habitat of the Woonasquatucket River. Project will raise the riverwalk above future flood elevations, demolish the hardened riverwalk walls, naturalize riverbanks beneath the new shared-use path and filter stormwater runoff.  
*\$1,000,000*

**Gulf of Maine Research Institute**  
Scaling Innovations for Maximized Retention Electronic Monitoring in New England (MA, ME, NH, RI)  
Transition dockside monitoring to a third-party provider model, develop standards that allow for technical innovations in dockside monitoring and develop electronic infrastructure to support timely catch accounting. Project will convene industry members to improve dockside monitoring and support continued regional uptake of electronic monitoring.  
*\$356,374*

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
*\$135,000*

**Partnership for Providence Parks**  
Providing Healthy Habitats and Nearby Nature Access (RI)  
Restore and create 1.5 acres schoolyard habitat through invasive species removal in Providence, Rhode Island and host outreach opportunities to connect urban residents with nature, with a focus on community stewardship. Project will reach over 750 students and engage more than 2,000 people in outdoor programs that highlight the natural resources within the state of Rhode Island.  
*\$49,647*

**Rhode Island Department of Environmental Management**  
Wetland Migration Pathway Planning, Prioritization and Community Engagement (multiple states)  
Create a pipeline of tidal wetland migration pathway projects in areas served by National Estuarine Research Reserves (NERRS) in the Northeast, Mid-Atlantic and Southeast. Project will identify migration pathway protection opportunities and priorities, develop or improve technical products such as maps and models, build a community of practice and create resources and guides to support pathway planning and assessment for all NERRS.  
*\$551,816*

**Teem Fish Monitoring**  
Using Artificial Intelligence to Automate New England Groundfish Discard Data Collection (MA, ME, NH, RI)  
Evaluate existing artificial intelligence tools for their ability to automate collection of discard information from electronic monitoring video in the New England groundfish fishery. Project will train and validate artificial intelligence models to perform species identification, fish counts and length measurements for discarded fish, with the intention of reducing video review times and associated costs.  
*\$159,571*

**Town of New Shoreham**  
Building Capacity for Corn Neck Resiliency Strategy (RI)  
Identify nature-based solutions to protect critical infrastructure and habitat in Block Island National Wildlife Refuge and enhance the surrounding dune, beach, saltmarsh, coastal pond and near-shore marine ecosystems. Project will enhance the function of the natural ecosystems and benefit fish and wildlife while also protecting critical infrastructure, Corn Neck Road, which is threatened by sea-level rise and coastal storms.  
*\$185,000*

**Wildlife Management Institute**  
Restoring Riparian Habitat through Alder Regeneration in Northern New Hampshire (NH)  
Regenerate patches of degraded speckled alder habitat in riparian corridors in large forest blocks throughout northern New Hampshire and provide technical assistance including forest management plans to private landowners across the region. Project will improve management on 100 acres of young forest habitat and restore 10 miles of forested riparian buffers that serve as key riparian corridors that support breeding habitats for American woodcock and other young forest dependent species.  
*\$209,295*

**Woonasquatucket River Watershed Council**  
Engaging Front-line Communities to Build Climate and Watershed Resilience (RI)  
Engage front-line residents through Woonasquatucket River Watershed Council’s New Voices Program and Providence’s Racial and Environmental Justice Committee’s Green Justice Zones Program to design a nature-based watershed resilience project. Project will equip residents with tools to engage in green infrastructure projects and a watershed-wide flood resilience project to reduce impacts of sea-level rise, extreme heat and improve water and habitat quality.  
*\$250,000*

SOUTH CAROLINA

**American Bird Conservancy**  
Using Birds as Ambassadors to Engage Private Forest Owners and Improve Habitats (AL, GA, LA, MS, SC)  
Advance longleaf ecosystem restoration and recovery of several at-risk and listed species in Alabama, Georgia, Louisiana, Mississippi and South Carolina. Project will restore and enhance more than 2,000 acres of longleaf pine habitat and accelerate species recovery by improving resiliency through captive rearing and reintroduction of the at-risk gopher frog and translocation of the federally endangered red-cockaded woodpecker to suitable habitat.  
*\$325,000*

**Amphibian and Reptile Conservancy**  
Community-Based Invasive Species Management for Imperiled Herpetofauna (AZ, FL, NM, SC)  
Restore reptile and amphibian habitat through innovative and effective techniques to eradicate invasive species including noxious weeds, invasive bullfrogs, crayfish and fire ants in the Coconino, Tonto, Coronado, Gila, Cibola, Francis Marion and Apalachicola national forests. Project will restore wetland and riparian habitat, establish local community crews, form an Invasive Species Council and develop educational resources for community engagement.  
*\$883,455*

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
*\$339,525*

**Chesterfield Soil and Water Conservation District**  
Longleaf Pine Restoration and Enhancement in Sandhills Region (SC)  
Restore and enhance 4,800 acres of longleaf habitat on private lands through longleaf establishment, management practices, prescribed fire and long-term protection through permanent easements. Project will establish over 700 acres of new longleaf habitat, provide overstory and midstory management on over 1,100 acres and apply prescribed fire to 800 acres benefiting Bachman’s sparrow, red-cockaded woodpecker and other longleaf associated species.  
*\$300,000*

**Forest Landowners Association**  
Engaging Private Forest Landowners to Restore Longleaf Pine (multiple states)  
Restore and maintain longleaf pine habitat and promote the collaborative conservation of at-risk species on private lands across the historical longleaf pine range. Project will provide financial assistance to private landowners to establish and maintain longleaf pine habitat, support continued engagement with the U.S. Fish and Wildlife Service in the Southeast Region to advance at-risk species recovery and develop new online tools to engage landowners in collaborative conservation efforts.  
*\$1,685,000*

**Georgia Department of Natural Resources**  
Estimate the Northbound Passage Population of Red Knot in the Georgia Bight - II (GA, SC)  
Continue and expand ongoing monitoring of red knot spring passage in the Georgia Bight through the incorporation of new monitoring techniques and tools. Project will develop a robust estimate of the population, mark recapture resight, tagging work and outreach efforts that will all aid in the management and protection of red knots and their food resources within these key stopover sites.  
*\$75,000*

**Lowcountry Alliance for Model Communities**  
Nature-Based Flood Resiliency (SC)  
Develop a flood resiliency plan that identifies potential sites for living shorelines and nature-based infrastructure in Rosemont and Bridgeview. Project will promote community-led resiliency planning to prevent flooding and protect endangered ecosystems in the Charleston Neck.  
*\$300,000*

**Manomet**  
Beneficial Use Dredged Materials to aid in Coastal Resiliency (GA, NC, SC)  
Increase planning and capacity at the state level for beneficial use of dredged material to improve ecosystem health and reduce flood risk impacts. Project will identify projects to emulate and convene partners to identify habitat areas that can beneficially use dredged materials to increase coastal resiliency.  
*\$172,492*

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
*\$135,000*

**North Carolina State University**  
Increasing Prescribed Burning Capacity in the South (multiple states)  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species.  
*\$240,000*

**Rhode Island Department of Environmental Management**  
Wetland Migration Pathway Planning and Prioritization t (multiple states)  
Create a pipeline of tidal wetland migration pathway projects in areas served by National Estuarine Research Reserves in the Northeast, Mid-Atlantic and Southeast. Project will identify migration pathway protection opportunities and priorities, develop or improve technical products and create resources and guides to support pathway planning and assessment.  
*\$551,816*

**S.C. Coastal Conservation League**  
Increasing Resilience of Marine Corps Recruit Depot Through Living Shorelines (SC)  
Improve natural infrastructure and establish living shorelines through saltmarsh restoration and oyster reef enhancement. Project will reduce erosion, stabilize the shoreline, reduce storm surge impact and improve water quality while also protecting U.S. Department of Defense installations and surrounding communities from climate impacts.  
*\$1,187,023*

**S.C. Office of Resilience**  
Building a Resilient Coastal Communities Collaborative Program (SC)  
Create a South Carolina Resilient Coastal Communities Collaborative Program. Project will advance existing coastal resilience efforts to facilitate nature-based resilience solutions benefiting fish and wildlife ecosystems and provide community capacity building in underserved communities.  
*\$750,626*

**The Longleaf Alliance**  
Advancing Longleaf Pine Restoration and Seedling Capacity (multiple states)  
Coordinate longleaf pine restoration and address limitations to longleaf seedling quality and quantity by improving longleaf genetics, expanding seed collection capacity and supporting nursery seedling capacity. Project will produce 20 million longleaf pine seedlings and support the coordination of 18 longleaf implementation.  
*\$4,250,000*

**The Longleaf Alliance**  
Restoring Longleaf Habitat and Accelerating At-Risk and Listed Species Recovery (GA, LA, SC, TX)  
Advance longleaf ecosystem restoration and recovery of several at-risk and listed species in Alabama, Georgia, Louisiana, Mississippi and South Carolina. Project will restore and enhance more than 2,000 acres of longleaf pine habitat through longleaf plantings, prescribed burning and other management practices and accelerate species recovery by improving resiliency through captive rearing and reintroduction of the at-risk gopher frog and translocation of the federally endangered red-cockaded woodpecker to suitable habitat.  
*\$500,000*



**The Nature Conservancy**  
Restoring and Enhancing Longleaf Habitat (SC)  
Restore and maintain more than 25,000 acres of longleaf pine habitat in the South Carolina coastal plain to benefit birds, imperiled amphibians and other species. Project will deploy a seasonal fire crew to increase prescribed burning, host landowner learn-to-burn workshops, increase capacity and develop a 10-year conservation plan to aid cooperative longleaf management.  
*\$299,876*

**Virginia Polytechnic Institute and State University**  
Preventing Human Disturbance of Atlantic Flyway Shorebirds - IV (multiple states)  
Expand implementation and assessment and disseminate human behavior change strategies through the completion of pilot projects and the establishment of new projects at additional sites to address human disturbance to shorebirds, primarily red knot, American oystercatcher and whimbrel. Project will develop scalable conservation strategies that can be applied along the Atlantic coast to reduce disturbance leading to improved shorebird survival and reproductive success.  
*\$200,000*

SOUTH DAKOTA

**Bird Conservancy of the Rockies**  
Enhance Private Grasslands Conservation Efforts (MT, NE, SD, WY)  
Increase capacity for wildlife biologists based across the Northern Great Plains to foster community impact and engagement and provide financial and technical support to private landowners. Project will survey two active greater sage-grouse leks, improve management on 50,000 acres, restore 2,000 acres and improve 10 miles of fencing to wildlife-friendly standards.  
*\$545,781*

**Bird Conservancy of the Rockies**  
Evaluating Impact on Grassland Birds (multiple states)  
Continue multiyear effort to evaluate and quantify the impact of grazing management and habitat restoration projects on focal grassland bird species across the Northern Great Plains. Project will conduct three studies used to inform future grassland management to benefit bird species.  
*\$150,000*

**Buffalo Nations Grasslands Alliance**  
Increasing Indigenous Natural Resource Management Capacity (MT, ND, SD)  
Increase organizational capacity and Tribal natural resource management capacity and across the 16 Tribal nations of the Northern Great Plains. Project will foster Tribal game and fish agency stewardship efforts and support community led conservation partnerships.  
*\$220,000*

**Cheyenne River Sioux Tribe**  
Landscape Connectivity for Pronghorn in the Cheyenne River Reservation (SD)  
Increase landscape permeability for pronghorn within the Cheyenne River Reservation in South Dakota by gathering data on pronghorn movement, connecting with local communities to spread awareness and modifying existing fence to mitigate barriers to migration. Project will modify 50 miles of fence to wildlife-friendly standards.  
*\$213,842*

**Conservation Technology Information Center**  
Cover Crops for Soil Health (MN, SD, WI)  
Add new technical assistance professionals to increase capacity for cover crop adoption in Minnesota, South Dakota and Wisconsin. Project will support enrollment of 87,000 acres of cover crops and provide technical assistance to more than 200 farmers.  
*\$2,499,993*

**Ducks Unlimited**  
Expanding Agricultural Diversification and Habitat Enhancement (SD)  
Increase technical assistance capacity to reach farmers and ranchers to provide guidance on soil health practices like cover crop integration, crop diversification, tillage reduction, rotational grazing systems and restoration and management of grassland wetland habitats. Project will connect agricultural producers to a variety of available public and private opportunities for financial assistance to implement desired management plans with an emphasis on grazing systems.  
*\$216,443*

**Ducks Unlimited**  
Supporting Grasslands Conservation Networks in the Northern Great Plains (MT, ND, SD, WY)  
Expand and enhance the impact of existing programs, partnerships and community engagement by administering funds through the Northern Grasslands Restoration Incentive Program, providing technical assistance to underserved areas, enhancing private lands biologists networks and supporting grasslands conservation workshops. Project will improve management on 29,000 acres, restore 1,000 acres of grasslands and restore 50 acres of wet-meadow.  
*\$500,000*

**Grand River Ranger District**  
Restoring the Grand River National Grasslands with Adaptive Management Practices (SD)  
Restore native habitat in the Grand River National Grasslands in South Dakota to benefit pollinators, Grand River riparian areas, migratory big game species and grasslands threatened by invasive species. Project will improve management on 68,587 acres and restore 180 acres of grassland.  
*\$431,777*

**Inter Tribal Buffalo Council**  
Restoring Buffalo Habitat for Ecosystem Health and Tribal Culture (MT, ND, NE, SD, WY)  
Develop, facilitate and manage the Buffalo Habitat Restoration and Improvement Programs to increase buffalo habitat, outreach, education and access for Tribes. Project will conduct three buffalo restoration studies used to inform management, improve management on 10,000 acres and restore 11,000 acres of buffalo habitat.  
*\$700,000*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Audubon Society**  
Elevating Great Plains Conservation through Technical Assistance (ND, SD)  
Strengthen technical assistance provided to private landowners within the Working Lands for Wildlife Great Plains Grasslands Biome in North Dakota and South Dakota. Project will sustain two positions, a range ecologist and a grassland technician and implement improved management practices such as prairie restoration, prescribed burns, regenerative infrastructure installation and landowner planning workshops.  
*\$256,437*

**National Audubon Society**  
Guiding Restoration Across the Great Plains (MT, ND, NE, SD, WY)  
Improve habitat quality on private working lands across the Northern Great Plains through management agreements, technical assistance for land restoration activities and landowner education. Project will improve visibility of 2 miles of fence, remove invasive trees from 100 acres, restore lands including 2 greater sage-grouse leks, restore 20 acres of riparian habitat, improve management on 75,000 acres and restore 8,880 acres by removing invasive vegetation and conducting prescribed burns.  
*\$1,757,728*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**Rosebud Economic Development Corporation**  
Keya Wakpala Woicageyapi Wetlands Restoration (SD)  
Design Phase I of the Keya Wakpala Woicageyapi wetlands restoration project and connect the broader Sicangu community to restoration and conservation efforts. Project will produce a community-driven wetlands trail plan, an ecological inventory assessment informed by wildlife habitat priorities and culturally relevant food and medicine needs and incorporate indigenous ecological knowledge for the site.  
*\$536,516*

**Rosebud Economic Development Corporation**  
Restoring the Grasslands of the Wolakota Buffalo Range (SD)  
Enhance the management of the Wolakota Buffalo Range by increasing staffing capacity and improving rotational grazing by GPS tagging buffalo, resulting in healthier grasslands and increased food sovereignty for the Lakota people of the Rosebud Reservation. Project will improve management on 28,000 acres and improve 15 miles of fencing.  
*\$266,200*

**Second Century Habitat Fund**  
Creating Habitat for Pheasants, Pipit and other Grassland Species (SD)  
Partner with willing landowners to transform marginal cropland into productive hay and grazing acreage. Project will restore prime habitat for pheasants, pipit and other grassland wildlife species.  
*\$150,000*

**Second Century Habitat Fund**  
Enhancing Biodiversity on Grazing Land in the Prairie Pothole Region (SD)  
Improve grassland health and forage quality, enhance wildlife and pollinator habitat and increase biodiversity on grazing land in the Prairie Pothole region of South Dakota. Project will provide technical and financial assistance to ranchers to drive adoption of conservation practices on their land, resulting in improved grazing management, soil health, water and air quality and wildlife habitat on more than 9,900 acres.  
*\$374,400*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a soil health training program to deliver education that provides state and national commodity organizations and growers with knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$194,552*

**South Dakota Agricultural Land Trust**  
Assisting Landowners with Conservation Easement Transactions (SD)  
Provide financial assistance for costs of easement transactions and further incentivize landowner easement and partner donations in South Dakota. Project will place 4,428 acres under easement.  
*\$173,150*

**The Bee and Butterfly Habitat Fund**  
Seed A Legacy Pollinator Habitat Program (multiple states)  
Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people.  
*\$175,000*

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

**World Wildlife Fund**  
Expanding Regenerative Grazing in the Northern Great Plains (multiple states)  
Partner with ranchers to implement sustainable grazing plans and practices that are supported by ecological monitoring, infrastructure improvements and habitat restoration activities across the Northern Great Plains. Project will restore 300 riparian acres to benefit greater sage-grouse, improve management on 150,000 acres and restore 10,000 acres of marginal cropland back to native grassland.  
*\$1,000,000*

**World Wildlife Fund**  
Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.  
*\$163,135*

TENNESSEE

**Agricenter International**  
Advancing Farmers for Soil Health (TN)  
Adapt the conservation agronomist model to deliver individualized technical assistance to farmers to facilitate sustained adoption of cover crops in Tennessee. Project will support enrollment of 37,500 acres of cover crops.  
*\$824,932*

**Appalachian Trail Conservancy**  
Invasive Species Management in National Forests along the Appalachian Trail (GA, NC, TN, VA, WV)  
Monitor and remove invasive plants and protect endangered ash trees in national forest sites within the Appalachian National Scenic Trail corridor, including the Chattahoochee-Oconee, George Washington-Jefferson, Nantahala, Pisgah and Cherokee national forests. Project will engage both volunteers and Service Corps crews in on-the-ground activities to improve the ecological health of national forests in the Appalachian Mountains.  
*\$515,751*

**Austin Peay State University**  
Assessment and Planning for Cumberland Plateau Grasslands (AL, GA, KY, TN)  
Develop a status assessment and conservation plan for the grasslands, savannas and other open ecosystems of the Cumberland Plateau. Project will produce a final recommended reserve network design for Cumberland Plateau open ecosystems and a conservation vision that will focus ongoing restoration and protection work.  
*\$495,297*

**Cumberland River Compact**  
Restoring Abandoned and Legacy Mine Lands for Wildlife Conservation (KY, TN)  
Engage landowners with legacy coal mine sites in the Cumberland River Basin of Kentucky and Tennessee to restore riparian buffers, improve stream habitat and establish bird and pollinator habitat. Project will plant 140,000 trees on 200 acres of legacy mine land and engage 50 landowners to implement conservation actions on their land.  
\$222,000

**Lower Mississippi River Conservation Committee**  
Improving Aquatic Habitat Connectivity in the Lower Mississippi River (AR, LA, MS, TN)  
Restore 300 acres and 1.5 miles of secondary channel habitat, install woody debris traps in previously connected secondary channels to increase biological diversity and ecosystem function, providing structure diversity for healthy river indicator aquatic insects. Project will focus on biotic monitoring of gar species abundance at three study sites.  
\$200,000

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
\$149,940

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
\$178,827

**North Carolina State University**  
Increasing Prescribed Burning Capacity in the South (multiple states)  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species including Bachman’s sparrow and northern bobwhite.  
\$240,000

**Pheasants Forever**  
Enhancing Private Lands Forestry, Grasslands and Grazing Management (TN)  
Engage private forest owners and beef cattle producers within the Cumberland Plateau region of Tennessee through outreach and technical assistance and implement wildlife focused forest management practices and improved grazing practices, benefiting northern bobwhite and other species. Project will implement managed grazing on 1,500 acres, install 115 miles of fencing and improve 1,300 acres of forest habitat through prescribed burning and other forest treatments.  
\$534,620

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
\$641,353

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
\$194,552

**Tennessee Forestry Association**  
White Oak and Shortleaf Restoration on Family Forests (TN)  
Engage private landowners through outreach and technical assistance to restore, enhance and burn 2,000 acres of white oak and shortleaf pine habitat in the Tennessee Cumberland Plateau region. Project will engage 4,000 landowners, providing technical assistance and securing agreements with 42 and benefit prairie warbler, northern bobwhite and several bat species.  
\$447,173

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
\$694,712

**University of Tennessee**  
DNA Analysis of Southern Appalachian Brook Trout to Inform Management Practices (NC, TN)  
Conduct DNA analysis of Southern Appalachian brook trout to evaluate the success of various source populations. Project will benefit reintroduction and stream management practices through more reliable restoration with reduced impact on source populations.  
\$95,830

**Wolf River Conservancy**  
Wolf River Greenway Restoration - VII (TN)  
Restore the floodplain of the urban Wolf River watershed in Memphis, Tennessee, to provide environmental education for adults and students and to involve volunteers in stewardship events. Project will engage 800 volunteers and an additional 400 students to plant remove 10 acres of invasive species, plant 2,500 native trees, remove trash and tires at targeted sites, plant native species and build and install nest boxes for birds and bats, among other activities.  
\$49,924

TEXAS

**American Bird Conservancy**  
Increasing Native Grassland Habitat for Priority Grassland Birds in South Texas  
Partner with private landowners to implement site-specific land management practices that increase the quality, quantity and connectivity of native grassland habitat for priority grassland birds. Project will improve at least 1,000 acres of degraded habitat for migratory and resident species through the South Texas Grassland Restoration Incentive Program.  
\$201,450

**American Bird Conservancy**  
Reducing Plastic Pollution in the Galveston Bay Watershed (TX)  
Reduce plastic pollution in the Galveston Bay watershed by organizing cleanup events at Houston parks, state parks and national wildlife refuges. Project will reach 200 community members and 100 students, engaging 100 volunteers to remove 500 pounds of trash and litter, reducing threats of plastic entanglement to endangered bird and wildlife species in the Galveston Bay watershed.  
\$49,490

**Big Bend Soil and Water Conservation District**  
Restoring Grasslands to Benefit Pronghorn and Grassland Bird Species (TX)  
Restore native grassland habitat for use by pronghorn and migratory grassland birds in Brewster and Jeff Davis counties in Texas through pronghorn-friendly fence replacement and invasive brush removal. Project will control invasive brush species including mesquite, tarbush, whitebrush and creosote using chemical and mechanical removal methods to improve pronghorn habitat.  
\$250,000

**Bird Conservancy of the Rockies**  
Full Annual Cycle Grassland Bird Conservation in the Great Plains - III (multiple states)  
Complete the third and final phase of this effort by tagging additional birds (Baird’s sparrow, Sprague’s pipit, chestnut-collared longspur and thick-billed longspur), analyzing bird movement data and developing management recommendations. Project will create data products that will be used to inform habitat conservation.  
\$208,150

**Bird Conservancy of the Rockies**  
Implementing a Monitoring Program for Wintering Grassland Birds (NM, TX)  
Conduct surveys of wintering grassland birds including Sprague’s pipits and chestnut-collared longspurs in the Chihuahuan Desert. Project will estimate the density of wintering grassland birds in the Chihuahuan Desert to provide baseline populations informing critical on-the-ground habitat management changes to mitigate decline.  
\$300,000

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
\$339,525

**Borderlands Research Institute-Sul Ross State University**  
Facilitating Grassland Conservation (TX)  
Evaluate impacts of herbicide applications on targeted invasive brush species and subsequent wintering grassland bird response in the Trans-Pecos Region. Project will utilize vegetation and bird monitoring data to develop applicable best management practices and improved management practices and expand fencing modification to benefit pronghorn.  
\$250,000

**City of South Padre Island**  
Restoring Dunes to Protect South Padre Island from Storm Surge and Sea-Level Rise (TX)  
Restore a mile of dune systems through sand fencing and native vegetation plantings on South Padre Island. Project will rebuild beach shoreline to prevent impacts of coastal erosion.  
\$200,000

**Community In-Power and Development Association**  
Creating a Coastal Resilience Plan for Underserved Communities (TX)  
Develop 10 preliminary designs for wetland restoration, rainwater harvesting parks and large-scale tree planting projects in West Port Arthur, Texas. Project will engage communities, city governments and nonprofits to create a comprehensive coastal resilience plan that will enhance habitat and water quality in historically underserved communities.  
\$480,790

**Ducks Unlimited**  
Developing Final Designs to Repair the Keith Lake Fish Pass Baffle (TX)  
Conduct field topographic and bathymetric surveys, develop final construction and cost estimate plans, obtain necessary regulatory permits to repair Keith Lake Fish Pass Baffle near Sabine Pass, Texas. Project will, once implemented, maintain healthy vegetation in the Salt Bayou Watershed and provide a natural storm buffer to critical infrastructure.  
\$345,000

**Forest Landowners Association**  
Engaging Private Forest Landowners to Restore Longleaf Pine (multiple states)  
Restore and maintain longleaf pine habitat and promote the collaborative conservation of at-risk species on private lands across the historical longleaf pine range. Project will provide financial assistance to private landowners to establish and maintain longleaf pine habitat, support continued engagement with the U.S. Fish and Wildlife Service in the Southeast Region to advance at-risk species recovery and develop new online tools to engage landowners in collaborative conservation efforts.  
\$1,685,000

**Galveston Bay Foundation**  
Designing Living Shorelines to Restore Estuarine Habitats in West Galveston Bay (TX)  
Develop a final design to protect, enhance and restore up to 145 acres of estuarine habitat and up to 1.5 miles of shoreline in Sweetwater Preserve and Maggie’s Cove in West Galveston Bay. Project will advance efforts for implementing nature-based solutions for enhancing the resilience of coastal communities and habitats along Galveston Bay.  
\$167,423

**Gulf Fisheries Research Foundation**  
Developing Electronic Monitoring for Gulf of Mexico Charter Headboat Fleets (AL, FL, TX)  
Test the use of remote electronic monitoring in the Gulf of Mexico multi-passenger charter headboat fishery to determine the cost-effectiveness of data collection and build an artificial intelligence image library for species identification. Project will explore the potential of artificial intelligence to minimize video review costs and contribute better information for science and management.  
\$369,674

**Houston Wilderness**  
Enhancing Riparian Ecosystems with Nature-Based Infrastructure (TX)  
Implement green stormwater infrastructure to revitalize riparian corridors that lead to Galveston Bay and the Gulf of Mexico. Project will select 17 buyout properties to plant native trees, install bioswales and rain gardens to improve water quality, enhance habitat and mitigate flood risk for at-risk communities.  
\$1,141,515

**Manomet**  
Coordinating and Implementing Oystercatcher Recovery Efforts (multiple states)  
Coordinate implementation of strategies to improve survival and reproductive success of American oystercatcher across 40 affiliated organizations to advance conservation and recovery by reducing the impact of predation and human disturbance on populations of breeding oystercatchers at major sites in the Northeast. Project will implement best practices for disturbance and predator management directly benefiting at least 400 nesting pairs of oystercatchers.  
\$135,000

**Mote Marine Laboratory**  
Optimizing Fisheries Retention with Artificial Intelligence in the Gulf of Mexico (FL, TX)  
Reduce red grouper discard rates in the Gulf of Mexico reef fish fishery by applying existing electronic monitoring protocols and new artificial intelligence algorithms to facilitate an optimized retention fishery. Project will validate a feasible compliance monitoring strategy that addresses industry needs to incentivize sustainable fishing.  
\$475,089

**North Carolina State University**  
Increasing Prescribed Burning Capacity in the South (multiple states)  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species including Bachman’s sparrow and northern bobwhite.  
\$240,000



**Parks and Wildlife Foundation of Texas**  
**Grassland Restoration and Reconnection (TX)**  
Conduct herbicide application restoring 10,000 acres of brush-invaded dry mixed prairie in Brewster and Pecos counties, critical habitat for chestnut-collared longspur, Sprague’s pipit and pronghorn. Project will strategically expand existing grassland for the greatest net gain of contiguous, usable habitat for grassland species with an emphasis on reconnecting patches of intact prairie.  
*\$346,650*

**Pheasants Forever**  
**Improving and Connecting Pollinator Habitat to Support Monarch Butterfly Migration (TX)**  
Improve corridors for migratory monarch butterflies through the Grassland Restoration Incentive Program and provide technical assistance to landowners to enhance pollinator habitat on private working lands in southern Texas. Project will improve 1,000 acres, develop five plans, host two events, create two jobs and reach 100 people.  
*\$175,000*

**Texas A&M Forest Service**  
**Partnering to Restore Longleaf Pine on Public and Private Lands in East Texas**  
Coordinate education, outreach and financial assistance to restore and conserve the longleaf pine ecosystem in east Texas, benefiting northern bobwhite, Bachman’s sparrow and eastern wild turkey. Project will work with partners to restore and enhance more than 2,000 acres of longleaf pine habitat through plantings and prescribed burning, increase production of native and locally adapted understory seed and pilot the propagation of longleaf pine seed sourced in Texas.  
*\$299,998*

**Texas Parks and Wildlife Department**  
**Southern Plains Grassland Protection, Restoration and Enhancement (CO, KS, NE, NM, OK, TX)**  
Support the Playa Lakes Joint Venture in work with five land trusts to advance grassland conservation across more than 250,000 acres of the Southern High Plains. Project will enable partners to deliver conservation and shared best practices according to the unique characteristics of their region while aligning their work toward a common purpose of positively and benefiting habitat and wildlife.  
*\$4,020,000*

**Texas Rice Industry Coalition for the Environment**  
**Restoring and Enhancing Wetlands and Native Prairie along the Coastal Plain (TX)**  
Establish, restore and enhance over 1,500 acres of wetlands and 1,200 acres of native prairie on state and federal public lands and conservation easements. Project will benefit priority grassland and wetland birds as well as declining native pollinators along the Texas coast and coastal plain.  
*\$100,000*

**The Longleaf Alliance**  
**Advancing Longleaf Pine Restoration and Seedling Capacity (multiple states)**  
Coordinate longleaf pine restoration across the South and address limitations to longleaf seedling quality and quantity by establishing a longleaf pine tree improvement program focused on improving longleaf genetics, expanding seed collection capacity and supporting nursery seedling capacity expansion within the historical longleaf pine range. Project will produce 20 million longleaf pine seedlings and support the coordination of 18 longleaf implementation teams implementing longleaf restoration.  
*\$4,250,000*

**The Longleaf Alliance**  
**Restoring Longleaf Habitat and Accelerating At-Risk and Listed Species Recovery (GA, LA, SC, TX)**  
Advance longleaf ecosystem restoration and recovery of several at-risk and listed species in Alabama, Georgia, Louisiana, Mississippi and South Carolina. Project will restore and enhance more than 2,000 acres of longleaf pine habitat through longleaf plantings, prescribed burning and other management practices and accelerate species recovery by improving resiliency through captive rearing and reintroduction of the at-risk gopher frog and translocation of the federally endangered red-cockaded woodpecker to suitable habitat.  
*\$500,000*

**The Mule Deer Foundation**  
**Strengthening Habitat Resilience and Management in the Southern Plains (CO, KS, NE, NM, OK, TX)**  
Build a Southern Great Plains Habitat Initiative to improve habitat conditions for mule deer and other wildlife, assist private landowners with practices which will improve grasslands and range conditions on their properties, create climate resilient landscapes and increase carbon sequestration through the increased native vegetation within the Initiative area. Project will contribute to lesser prairie chicken recovery and conservation and grassland restoration.  
*\$418,155*

**Trinity Park Conservancy**  
**Increasing Stewardship of the Trinity River & Adjacent Wetlands - II (TX)**  
Increase outreach to local neighborhoods and youth programs and utilize an array of partnership to improve the environmental health along the Trinity River and its adjacent wetlands. Project will nearly double the number of volunteers actively engaged in stewarding the riparian and wetland habitats of the Trinity River, organize communities to restore the beauty in their own backyards and remove 12,000 pounds of litter and trash.  
*\$50,000*

**World Wildlife Fund**  
**Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)**  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.  
*\$163,135*

UTAH

**Ogden Nature Center**  
**Improving Water Quality and Habitat (UT)**  
Construct 15 acres of new wetlands to improve water quality, recharge groundwater and reconnect the floodplain within the Weber River Watershed. Project will remove trash and invasive species, create wildlife habitat, conduct avian research, promote community science and spread awareness on local watershed health and pollution sources with 440 volunteers.  
*\$49,901*

**The Mule Deer Foundation**  
**Migration Corridors and Winter Range Initiative - III (multiple states)**  
Enhance rangeland habitat across the Rocky Mountain Region to benefit mule deer, sage-grouse and other native wildlife species. Project will improve 10 miles of fencing to wildlife-friendly specifications, remove 10 miles of wildlife-unfriendly fencing, manage 4,500 acres for invasive annual grasses, remove invasive juniper from 500 acres of rangeland and replant 3,000 acres of fire-damaged rangeland.  
*\$491,786*

**Utah Division of Wildlife Resources**  
**Improving Migration Route Between Mule Deer Herd Seasonal Ranges (UT)**  
Protect the Paunsaugunt mule deer herd by reducing wildlife mortality rates on Utah’s US Highway 89 and reduce hazardous fuels by removing invasive woody vegetation. Project will install exclusionary fencing along 7.2 miles of US Highway 89 and restore 3,227 public acres of sagebrush.  
*\$370,000*

**Utah State University**  
**Process-based Riverscape Restoration (UT)**  
Restore 18 acres of riparian and instream habitat along Indian and North Cottonwood creeks to benefit North American beaver, southwestern willow flycatcher and Colorado River cutthroat trout. Project will promote natural instream habitat-forming processes and increase floodplain connectivity through installation of beaver dam analogs and removal of invasive vegetation.  
*\$107,108*

**Wild Earth Society, Wildlands Network**  
**Modifying Fencing to Improve Habitat Around the Grand Staircase-Escalante National Monument (UT)**  
Survey, map and remove barbed wire fence around the Grand Staircase-Escalante National Monument in Utah to understand the threat posed by these barriers to big game species and improve migration passages. Project will survey and map at least 150 miles of fencing and remove or improve at least 10 miles of wildlife-unfriendly fencing.  
*\$123,877*

VERMONT

**Connecticut River Watershed Council, Connecticut River Conservancy**  
**Riparian Buffer Restoration Efforts for Turtles and Priority Species (CT, MA, VT, NH)**  
Plant forested riparian buffers on privately owned sites in federal, state and local priority areas in Connecticut, Massachusetts, Vermont and New Hampshire. Project will plant 6,000 trees on 10 sites, restore 2.5 miles of forested buffers and restore 15 acres of agricultural field buffers to improve water quality and enhance the long-term persistence of native aquatic species, including eastern brook trout, diadromous fishes and spotted turtle, Blanding’s turtle and wood turtle.  
*\$158,706*

**National Audubon Society**  
**Engaging Forest Owners and Industry to Improve Multistate Bird Conservation Habitats (CT, NY, VT)**  
Expand engagement with family forest owners and forest industry stakeholders in the St Lawrence and Connecticut River watersheds to establish three new dynamic forest blocks and continue to implement best practices within current dynamic forest blocks to drive landscape level habitat diversity. Project will restore 450 acres of early-successional habitat and 1,200 acres of late successional habitat, benefiting golden-winged warbler, wood thrush, black-throated blue warbler and American woodcock.  
*\$354,294*

**Rich Earth Institute**  
**Deploying a Nitrogen Reclamation Project in the Long Island Sound Watershed - IV (VT)**  
Expand the deployment of nitrogen reclamation technology in Windham County, Vermont. Project will divert 850 pounds of nitrogen annually from entering the Connecticut River and downstream to Long Island Sound.  
*\$179,993*

**Ruffed Grouse Society and American Woodcock Society**  
**Creating Dynamic Forest Blocks for Golden-winged Warbler and Other Priority Bird Species (NY, VT)**  
Launch a landscape-scale forest block conservation approach across the St. Lawrence Valley of northern New York and the Champlain Valley in Vermont by leveraging existing NRCS Working Lands for Wildlife foresters and coordinating private and public land habitat work in focal areas and existing demonstration sites for golden-winged warbler habitat enhancement. Project will initiate two forest block landscape areas totaling 4,000 acres and restore 200 acres that will create appropriate habitat.  
*\$180,000*

**Trout Unlimited**  
**Restoration along Utley Brook to Improve Water Quality in Downstream Long Island Sound (VT)**  
Restore wetland, floodplain, streambank and riparian buffer in the Connecticut River Basin of the Long Island Sound, Landgrove, Vermont. Project will prevent 137 pounds of nitrogen from flowing downstream to the Sound.  
*\$142,791*

**University of Vermont and State Agricultural College**  
**Improving Riparian Buffers for Birds, Habitat and Carbon in the Lake Champlain Basin (VT)**  
Employ a collaborative approach to restore and enhance riparian habitat across 10 sites, including dairy farms and other priority areas within the Lake Champlain Basin. Project will result in 200 acres of restored riparian habitat, planting 10,000 trees, with multiple co-benefits throughout the region, including improved water quality, enhanced bird and wildlife habitat and carbon storage and sequestration.  
*\$373,981*

**Wildlife Management Institute**  
**Restoring Riparian Habitat through Alder Regeneration in Northern New Hampshire (NH)**  
Regenerate patches of degraded speckled alder habitat in riparian corridors in large forest blocks throughout northern New Hampshire and provide technical assistance including forest management plans to private landowners across the region. Project will improve management on 100 acres of young forest habitat and restore 10 miles of forested riparian buffers that serve as key riparian corridors that support breeding habitats for American woodcock and other young forest dependent species.  
*\$209,295*

**Windham County**  
**Working with Agricultural Partners to Improve Water Quality in the Connecticut River Valley (NH, VT)**  
Organize a team working in agriculture and the environment to identify practices, conduct trials and assess and monitor results to inform selection of best management practices to reduce nitrogen from farms in New Hampshire and Vermont. Project will identify best practices for investment to reduce nitrogen and give agricultural producers confidence that farms are implementing the most efficient practices to meet clean water goals.  
*\$418,597*

VIRGINIA

**Appalachian Trail Conservancy**  
**Invasive Species Management in National Forests along the Appalachian Trail (GA, NC, TN, VA, WV)**  
Monitor and remove nonnative invasive plants and protect endangered ash trees in national forest sites within the Appalachian National Scenic Trail corridor, including the Chattahoochee-Oconee, George Washington-Jefferson, Nantahala, Pisgah and Cherokee national forests. Project will engage both volunteers and Service Corps crews in on-the-ground activities to improve the ecological health of national forests in the Appalachian Mountains.  
*\$515,751*

**Atlantic Soybean Council**  
**Advancing Farmers for Soil Health in the Atlantic Region (DE, MD, NY, PA, VA)**  
Combine regional conservation agronomy expertise with state and local level support to further advance cover crops in the Atlantic region. Project will result in 23,000 new acres of cover crops on soy/corn acres improving soil health in Delaware, Maryland, New York, Pennsylvania and Virginia and contributing to improved nutrient management in the Chesapeake watershed.  
*\$1,000,000*

**Bluefin Data**  
**Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)**  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts.  
*\$339,525*

**Chickahominy Indian Tribe**  
Building Chickahominy Tribal Community Capacity to Create a Coastal Resilience Plan (VA)  
Engage the Chickahominy Tribal Community through GIS training and assessments of water quality and shoreline risk to identify areas along the James and Chickahominy rivers most impacted by sea-level rise. Project will facilitate development of a strategic plan to address coastal resilience adaptation goals and monitoring systems based on impacts identified.  
*\$350,065*

**City of Virginia Beach**  
**Department of Public Works**  
Constructing a Marsh Terraces Network to Improve Flood Resilience (VA)  
Construct 27,000 linear feet of marsh terraces comprising 51 acres of emergent marsh, upland and subaqueous vegetation within Back Bay, Virginia Beach. Project will improve water quality, restore fish and wildlife habitats and reduce erosion of marsh systems that buffer communities from flooding.  
*\$9,886,370*

**College of William and Mary, Virginia Institute of Marine Science**  
Increasing the User Base for RecFish, an Application for Recreational Anglers (DC, MD, VA)  
Expand participation and awareness of the RecFish mobile application, demonstrate the value of the application to state government partners and continue refining the application to meet the needs of recreational anglers interested in recording and contributing their data. Project will draw potential users to the application through a social media campaign and grow the user base of this citizen science effort.  
*\$271,244*

**Criminal Injustice Reform Network**  
Piloting an Engagement-Based Approach to Protect and Restore Tidal Marshes and Blue Crab Populations (VA)  
Pilot an engagement-based approach to protect and restore tidal marshes and blue crab populations. Project will provide underserved communities with the education and agency needed to participate in decision-making processes directly impacting their resilience.  
*\$74,991*

**Delmarva Poultry Industry**  
Sustainable Chicken Farming Practices in the Delmarva Peninsula (DE, MD, VA)  
Create cost-share programs to accelerate the adoption of sustainable and resilient chicken farming practices in Maryland and Virginia’s Delmarva Peninsula. Project will improve riparian buffers, precision nutrient management, conservation drainage and litter management.  
*\$997,327*

**Ducks Unlimited**  
Working Lands for Wildlife Black Duck Partnership (DE, MD, NJ, VA)  
Advance on-the-ground delivery, help with project designs and conduct outreach to new landowners by providing engineering technical assistance to implement the Working Lands for Wildlife Black Duck program across applicable Delmarva and New Jersey wetlands. Project will lead to restoration of high-quality wetland habitat while concurrently building relationships with local landowners to foster further community/peer investment in conservation.  
*\$348,316*

**Forest Landowners Association**  
Engaging Private Forest Landowners to Restore Longleaf Pine (multiple states)  
Restore and maintain longleaf pine habitat and promote the collaborative conservation of at-risk species on private lands across the historical longleaf pine range. Project will provide financial assistance to private landowners to establish and maintain longleaf pine habitat, support continued engagement with the U.S. Fish and Wildlife Service in the Southeast Region to advance at-risk species recovery and develop new online tools to engage landowners in collaborative conservation efforts.  
*\$1,685,000*

**Four Mile Run Conservatory Foundation**  
Improving Aquatic Recreation Access and Opportunities at Four Mile Run Park (VA)  
Create a public ADA-accessible kayak and canoe launch site. Project will result in the opening of 1.5 miles of Four Mile Run and provide the first such access to the Run and to the Potomac River Water Trail within the entire Washington, DC metro area.  
*\$75,000*

**Friends of the Great Dismal Swamp National Wildlife Refuge**  
Conserve and Improve Public Access to Great Dismal Swamp National Wildlife Refuge (VA)  
Collaborate with partners to restore, conserve and improve access to the Great Dismal Swamp National Wildlife Refuge. Project will execute an action plan that will conserve the refuge’s ecosystems and make it more accessible and enjoyable for the public and traditionally underserved communities.  
*\$582,239*

**Friends of the Rappahannock**  
Building Collaborative Capacity for Conservation in the Rappahannock River (VA)  
Build capacity for the Rappahannock River Roundtable to lead a partnership-based conservation and public access workgroup that will operate on a landscape-scale. Project will host a series of strategic planning workshops and partner meetings to establish guiding principles following a collective impact model.  
*\$60,996*

**James River Association**  
Restoring Freshwater Mussel Communities and Riparian Buffers in James River Watershed (VA)  
Restore freshwater mussel communities and 60 acres of riparian buffers to enhance the James River watershed. Project will establish a greater understanding of the connection between riparian buffer maturity and the condition of the associated instream habitat and it’s ability to support freshwater mussels.  
*\$748,519*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**North Carolina State University**  
Increasing Prescribed Burning Capacity in the South (multiple states)  
Increase prescribed burning capacity in the Southeast through coordination, education and outreach. Project will work with private landowners to increase support of prescribed burn associations, minority and historically underserved landowners and work to restore, maintain and improve longleaf pine ecosystems, benefiting open pine and grassland species including Bachman’s sparrow and northern bobwhite.  
*\$240,000*

**Northern Virginia Regional Commission**  
Introducing Biomarker for Future Brook Floater Survivability (VA)  
Select and introduce a companion mussel species to serve as a biomarker for future brook floater introduction. Project will evaluate stream conditions and closely monitor the companion species’ success in order to determine if the brook floater can survive in the same habitat.  
*\$75,000*

**Old Dominion University Research Foundation**  
Expanding Longleaf Pine Restoration and Longleaf Seedling Availability (VA)  
Increase longleaf pine habitat in southeast Virginia through plantings, prescribed burning and silvicultural management, as well as landowner outreach and education. Project will implement prescribed burning on 3,900 acres, plant 470 acres of longleaf, restore 220 acres and harvest 50,000 longleaf cones, increasing the availability of locally sourced longleaf pine seedlings adapted to local conditions.  
*\$350,000*

**Rappahannock Tribe**  
Establishing an Indigenous Conservation Council for the Chesapeake Bay Watershed (VA)  
Establish a Chesapeake Bay watershed conservation council led by federally recognized indigenous tribes. Project will provide access to the rivers and land previously denied to this underserved population, rebuild fish and wildlife habitats and protect cultural resources that are being lost to development and sea-level rise.  
*\$183,000*

**Rappahannock Tribe**  
Reacquiring Ancestral Lands on the Rappahannock River to Restore Aquatic and Terrestrial Habitats (VA)  
Acquire more than 700 acres of ancestral homelands along the Rappahannock River and apply the Rappahannock Tribe’s traditional knowledge of sustainable stewardship. Project will enhance the purchased land by reforesting and conserving aquatic and terrestrial habitats to improve biodiversity and water quality.  
*\$750,000*

**Smithsonian Institution**  
Enhancing Landowner Participation in Eastern Box Turtle Conservation (VA)  
Develop the technical capacity needed to inform the selection of best management practices for eastern box turtle populations on private lands. Project will then work with private landowners to codevelop said practices for diffusion and adoption across a private lands conservation network.  
*\$74,997*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support research and education priorities, and provide regional training and outreach.  
*\$194,552*

**The Elizabeth River Project**  
Piloting a Coastal Resilience Toolkit (VA)  
Develop a best management practices framework for utilizing thin layer sediment placement for marsh restoration to mitigate impacts of sea-level rise in Coastal Virginia. Project will develop a GIS tool to identify dredging locations and potential beneficial use sites and begin engineering design for up to three 1-acre demonstration projects.  
*\$550,000*

**The Elizabeth River Project**  
Urban Habitat Restoration (VA)  
Collaborate with over 20 partners to create a model for urban habitat restoration. Project will co-create additional habitats, reconnect habitats, improve water quality and engage approximately 16,000 individuals from underserved communities.  
*\$650,000*

**The Longleaf Alliance**  
Advancing Longleaf Pine Restoration and Seedling Capacity (multiple states)  
Coordinate longleaf pine restoration across the South and address limitations to longleaf seedling quality and quantity by establishing a longleaf pine tree improvement program focused on improving longleaf genetics, expanding seed collection capacity and supporting nursery seedling capacity expansion within the historical longleaf pine range. Project will produce 20 million longleaf pine seedlings and support the coordination of 18 longleaf implementation teams implementing longleaf restoration.  
*\$4,250,000*

**The Nature Conservancy**  
Advancing Oyster Restoration with Shellfish Growers in New England, Mid-Atlantic and West Coast (multiple states)  
Deploy 2.5 million adult, diploid oysters grown by farmers to recruitment limited restoration sites throughout New England, Mid-Atlantic and West Coast regions to enhance 29.5 acres of oyster reefs. Project will improve water quality, rebuild marine habitat, advance shoreline protection and provide economic benefits to coastal communities.  
*\$2,999,514*

**The Nature Conservancy**  
Designing Nature-Based Solutions to Build Resiliency in Virginia’s Eastern Shore  
Develop final designs for oyster restoration at Hillcrest Shellfish Sanctuary that will minimize saltmarsh erosion, increase the footprint of oyster reefs within the sanctuary and potentially build new small marshes. Project will protect the town of Oyster and provide habitat for finfish, shellfish and migratory birds.  
*\$414,049*

**The Nature Conservancy**  
Utilizing the Delmarva Wetland Partnership to Address Barriers Inhibiting Wetland Restoration (DE, MD, PA)  
Utilize the Delmarva Wetland Partnership to address barriers inhibiting wetland restoration in parts of the Chesapeake Bay watershed in Delaware, Maryland and Pennsylvania. Project will add capacity to design restoration projects, provide project management support, provide support to landowners to offset the rising costs of restoration and implement over 600 acres of wetland restoration and 46 acres of associated upland buffers.  
*\$997,612*

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

**Upper Mattaponi Indian Tribe**  
Reclaiming and Restoring Upper Mattaponi Indian Tribe’s Ancestral Lands (VA)  
Reclaim and restore parts of the Upper Mattaponi Indian Tribe’s ancestral lands and watershed. Project will purchase 866 acres of land with over 12,000 feet of Mattaponi River shoreline in King William County, Virginia to establish a core of 3,385 acres of conserved lands. Work will include removing invasive plant species, planting native grasses and trees to enhance both upland, riparian and wetland habitats and restoring channelized streams.  
*\$1,000,000*



**Valley Conservation Council**  
Permanently Protecting Wildlife Corridors in the Shenandoah Valley (VA)  
Expand the permanent protection of wildlife corridors across 15 properties totaling over 2,000 acres. Project will prevent additional development in the area, require the adoption of best management practices and lay the groundwork for future green infrastructure work that will benefit several plant and animal species in high elevation wetlands.  
\$749,545

**Virginia Polytechnic Institute and State University**  
Investigating Fungal Host Invasion Mechanisms to Protect Bats (VA)  
Investigate the process used to invade host tissue by the fungus causing white-nose syndrome to develop preventative interventions for bats. Project will first verify whether the structures are present and, if so, target gene regions that regulate structure formation to create a method that allows testing of chemical treatments and genetic modifications to the fungus that will inhibit its ability to create the structures.  
\$230,320

WASHINGTON

**American Bird Conservancy**  
Initiate a Crumb Clean Assessment to Benefit Marbled Murrelet (WA)  
Collect baseline information needed to efficiently implement marbled murrelet conservation actions at recreation sites within or near murrelet nesting habitat in Washington state. Project will rank recreation sites based on quantification of predator densities and existing waste management infrastructure at campgrounds and picnic areas in advance of a long-term Crumb Clean plan.  
\$65,123

**Cascade Forest Conservancy**  
Community Stewardship Restoration of the Greater Cowlitz Watershed (WA)  
Conduct instream and riparian restoration across 48 acres that will benefit anadromous and resident fish, sensitive amphibian communities and overall ecosystem function in three waterways within the southern Washington Cascades and the greater Cowlitz watershed. Project will create in-channel habitat for fish, reengage floodplains for amphibians and improve the overall quantity and quality of water in the system, while riparian planting will offer shade, bank stability and greater biodiversity.  
\$44,563

**City of Tacoma Office of Environmental Policy and Sustainability**  
Developing Resilience and Restoration Master Plan for Commencement Bay (WA)  
Build community capacity and develop a Resiliency and Restoration Plan for Commencement Bay in Tacoma, Washington. Project will develop a resilience plan that engages the community, inventories the shoreline and identifies and prioritizes restoration areas and nature-based solutions.  
\$764,697

**Confederated Tribes and Bands of the Yakama Nation**  
Healing Land: Landscape Scale Reconnection of Culturally and Ecologically Important Pathways (WA)  
Restore the relationship between the land, water and people of the Columbia River Gorge by conserving ecologically and culturally important terrestrial and aquatic pathways. Project will implement seven habitat restoration projects on 1,540 acres, functionally reconnect the land and water on more than 6,000 acres, build capacity for Yakama Nation’s landscape-scale work and ensure climate resilience for people, wildlife and habitats.  
\$2,500,000

**EarthCorps**  
Youth and Local Community Restoration of Salmon Habitat in the Green-Duwamish River Watershed (WA)  
Work with local high school students and community members to remove invasive plants and install native trees and woody shrubs on 1 acre of important habitat for threatened Chinook and other salmon species within the Green-Duwamish River Watershed in the central Puget Sound region Washington. Project will enhance essential habitat for juvenile salmon rearing, feeding, acclimation and protection from flood events, as well as adult spawning habitat and resting areas for spawning adults.  
\$49,983

**Ecostudies Institute**  
Advancing Joint Base Lewis-McChord Sentinel Landscape Partnership (WA)  
Conduct prairie restoration and management activities at 10 sites in the South Puget Sound region to benefit endangered species, including Taylor’s checkerspot butterfly, Mazama pocket gopher and streaked horned lark. Project work will improve habitat of off-base populations and will increase short-and long-term military mission flexibility and readiness at Joint Base Lewis-McChord.  
\$799,999

**Killer Whale Tales**  
Providing Killer Whale Educational Programing to Coastal Classrooms in Western Washington  
Educate students from kindergarten through eighth grade on Southern Resident killer whales’ habitat, behavior and population status. Project will increase outreach for the conservation of Southern Resident killer whales through environmental education programs across multiple schools along coastal Washington.  
\$50,000

**Kwiaht: Center for the Historical Ecology of the Salish Sea**  
Building a Community-Based Network to Monitor Forage Fish for Chinook Salmon (WA)  
Expand the capacity of Treaty Tribes to increase ability to identify and analyze the gut contents and toxic loading of juvenile Chinook salmon and forage fishes. Project will obtain the first regional-scale Chinook food web data since 2014-2015 while training Tribal communities on sampling and modeling of fisheries and informing fisheries management on the conservation, recovery and exploitation of forage fishes.  
\$40,105

**Long Live the Kings**  
Increasing Salish Sea Chinook Abundance to Enhance Prey Availability for Killer Whales (WA)  
Collect, analyze and synthesize data on Chinook salmon raised using experimental rearing strategies as they return to hatcheries. Project will determine the impact of experimental strategies on Chinook abundance in attempt to increase pray availability for Southern Resident killer whales.  
\$148,518

**Methow Salmon Recovery Foundation**  
Methow Basin Instream Flow Improvement (WA)  
Identify, prioritize and develop water transactions in the Methow Basin, a critical tributary of the Columbia River, which is located in northwest Washington state. Project will improve instream flows for salmonids in collaboration with efforts to improve irrigation efficiency.  
\$37,325

**Pacific Conservation District**  
Designing Habitat Restoration and Flood Reduction Strategies at Willapa River (WA)  
Create multi-benefit design concepts for habitat restoration and green stormwater infrastructure to improve water quality and open off-channel habitat for salmonids in Willapa Bay. Project will conduct outreach to collaboratively design nature-based resilience projects that reduce flood risk.  
\$940,000

**Skagit Fisheries Enhancement Group**  
Controlling the Spread of Invasive Knotweed in the Upper Skagit River Watershed (WA)  
Coordinate long-term knotweed control and monitoring with collaborating agencies through an integrated and prioritized management approach in the Skagit Watershed within the Mount Baker-Snoqualmie National Forest. Project will survey and treat knotweed patches in priority zones, educate of community members and restoration teams and distribute results of knotweed control work to other practitioners  
\$252,334

**Snohomish County**  
Hydraulic Reconnection to Restore Salmonid Habitat at Thomas’ Eddy (WA)  
Restore floodplain connection at Thomas’ Eddy on the Snohomish River to enhance juvenile salmon rearing opportunity. Project will remove large sections of levee to restore natural floodplain conditions, improve edge habitat through rock removal and installation of log structures, improve off-channel habitat connection, restore riparian vegetation and add floodplain streamflow enhancements.  
\$5,844,800

**SR3 SeaLife Response, Rehabilitation and Research**  
Analyzing Body Conditions of Killer Whales through Aerial Imagery (WA)  
Collect and analyze drone images to measure the health of Southern Resident killer whales in the Salish Sea. Project will guide adaptive management practices and identify health concerns of vulnerable individuals, females in late-stage pregnancy and slow-growing juveniles.  
\$172,678

**The Nature Conservancy**  
Advancing Oyster Restoration with Shellfish Growers in New England, Mid-Atlantic and West Coast (multiple states)  
Deploy 2.5 million adult, diploid oysters grown by farmers to recruitment limited restoration sites throughout New England, Mid-Atlantic and West Coast regions to enhance 29.5 acres of oyster reefs. Project will improve water quality, rebuild marine habitat, advance shoreline protection and provide economic benefits to coastal communities.  
\$2,999,514

**Tulalip Tribes of Washington**  
Assessing Nature-Based Solutions to Improve Flood Hazard Management (WA)  
Build upon completed Tulalip Tribes’ coastal erosion predictions, habitat analysis and flood hazard projections to evaluate adaptive responses to coastal hazards. Project will result in preliminary designs for nature-based solutions that will mitigate effects of sea-level rise on ecosystem services and infrastructure along the Tulalip shoreline.  
\$366,418

**Washington Department of Fish and Wildlife**  
Developing Resources to Aid Recovery of the Marbled Murrelet in Washington State  
Develop a suite of resources and decision support products to aid in recovery planning supporting marbled murrelet populations in Washington state, including information about distribution and abundance of murrelets. Project will work to identify next steps to further murrelet conservation work, compile recent murrelet publications and create a peer-reviewed list of recovery priorities.  
\$75,519

**Washington Department of Natural Resources**  
Large Woody Debris Program to Build Capacity for Recovery of Chinook Salmon (WA)  
Create a Large woody debris program in the Snohomish Watershed, Washington to build capacity for habitat restoration efforts benefiting Chinook salmon, which is the primary diet of Southern Resident killer whales. Project will engage with local salmon recovery organizations and timber companies to facilitate acceleration of large woody debris installations at reduced cost.  
\$400,000

**Washington Department of Transportation**  
Restoring Graveyard Spit to Prevent Coastal Erosion in Willapa Bay (WA)  
Restore Graveyard Spit through nature-based dune and cobble berm construction along the entrance to Willapa Bay, Washington to benefit the western snowy plover and streaked horned lark. Project will enhance intertidal marsh and freshwater wetland habitats, and will protect community infrastructure threatened by coastal erosion.  
\$9,980,731

**Washington Maritime Blue**  
Providing Mariners with Real-Time Data of Killer Whale Locations in Washington  
Expand on an existing Whale Report Alert System to provide mariners with real-time awareness of whale sightings. Project will provide information to mariners to take evasive action such as slowing or altering course to reduce impacts on Southern Resident killer whales in the Puget Sound area.  
\$170,000

**Whale Museum**  
Assessing Habitat and Boater Regulations for Killer Whales Through Expanded Outreach and Monitoring (WA)  
Expand on successful Soundwatch operations in education, outreach and monitoring into the Puget Sound region to capture new boating communities. Project will increase compliance with boater regulations in and monitor boating activity and the success of regulations as the program expands capacity south into Puget Sound.  
\$147,811

**Whale Museum**  
Replace Outboard Engine for Marine Mammal Stranding Response in Washington  
Support the response of stranded marine mammals in Washington state. Project will provide replacement engine for the San Juan County Marine Mammal Stranding Network.  
\$10,559

**Whidbey Camano Land Trust**  
Expanding Coastal Conservation and Restoration to Build Resiliency (WA)  
Acquire 210-acres of shoreline, associated feeder bluffs, forest and riparian habitat and open fields on Admiralty Bay to allow expanded restoration of natural coastal processes. Project will protect and enhance salmon habitat and build resilience through feeder bluff restoration, riparian and coastal buffer restoration, forest enhancement and regenerative agriculture practices.  
\$1,422,500

**Wildlife Conservation Society Canada**  
Field Implementation of a Probiotic Treatment to Reduce Fungal Infection in Bats (BC, WA)  
Implement a probiotic treatment cocktail in 11 bat maternity colony study sites in Washington state and British Columbia and refine protocols in preparation for potential upscaling of this disease management tool. Project will tag individual bats, spray substrates in colonies and continue to refine and compare annual per-site survivorship rates to eventually quantify the disease management tool’s efficacy to reduce mortality caused by white-nose syndrome.  
\$57,897

WEST VIRGINIA

**Green Forests Work**  
Restoring the Ecology of Legacy Coal Mines (WV)  
Restore native forest to previously mined sites in the New River Gorge National Park and Monongahela National Forest in West Virginia. Project will restore red spruce forest habitat on 274 acres of legacy mine lands, planting approximately 184,000 trees that will provide vital wildlife habitat while also improving air and water quality and creating carbon storage.  
\$443,885

**Temple University**  
Evaluate Targeted Strategies for Environmental Control of White-Nose Syndrome (OH, PA, WV)  
Evaluate targeted implementation strategies for environmental control of the fungal pathogen that causes white-nose syndrome and develop specific protocols for management intervention. Project will implement treatment using polyethylene glycol in 40 hibernacula to protect little brown bats, big brown bats and tricolored bats within contaminated hibernacula and reduce environmental transmission of the pathogen.  
\$204,874

**Trout Unlimited**  
Improving Eastern Brook Trout and Eastern Hellbender Strongholds (WV)  
Improve eastern brook trout and eastern hellbender strongholds across public and private lands in the headwaters of the Greenbrier River in West Virginia. Project will work with state, federal and non-governmental partners to remove two barriers to fish passage, reconnect 28 miles of aquatic habitat and enable seven private landowners to protect and restore aquatic habitat by implementing conservation practices on 500 acres.  
*\$488,308*

**West Virginia Division of Natural Resources**  
Increasing Aquatic Habitat Connectivity at the Albright Dam (WV)  
Improve aquatic habitat connectivity and fish passage at the decommissioned Albright Power Station dam on the Cheat River in West Virginia. Project will restore hydrology and habitat for species like eastern brook trout and hellbender, improve climate and flood resilience and enhance recreation on nearly 75 miles of river.  
*\$2,900,000*

WISCONSIN

**City of Manitowoc**  
Restoring Stream Habitat in Silver Creek (WI)  
Restore over 1,800 linear feet of native vegetated riparian buffer to intercept and infiltrate stormwater, reduce erosion, stabilize banks and improve overall water quality. Project will reduce sedimentation and enhance habitat of surrounding area and instream structures to benefit migratory birds, white suckers, numerous trout and salmon species and pollinators.  
*\$245,000*

**City of Two Rivers**  
Building Shoreline Resilience (WI)  
Design and implement a bioswale, install an acre of prairie and 6 acres of beach and dune stabilization, restore 3 miles of Lake Michigan shoreline and filter and absorb 200,000 gallons of stormwater runoff annually. Project will engage community through outreach and events, adopt innovative nature-based approaches to shoreline erosion, restore biodiversity and improve water quality.  
*\$280,000*

**Conservation Technology Information Center**  
Increasing Cover Crops with Farmers for Soil Health (MN, SD, WI)  
Add new technical assistance professionals to increase capacity for cover crop adoption in Minnesota, South Dakota and Wisconsin. Project will support enrollment of 87,000 acres of cover crops and provide technical assistance to more than 200 farmers.  
*\$2,499,993*

**Fond du Lac Band of Lake Superior Chippewa**  
Maajii-akii-gikenjigewin: Launching an Indigenous Young Adult Conservation Crew (MI, MN, WI)  
Build a young adult Indigenous Conservation Crew (Maajii-akii-gikenjigewin crew) to support existing and future on-the-ground management plans on Fond du Lac Reservation. Project will conduct 34 monitoring studies and restore 100 acres through locally led conservation efforts that respect Tribal sovereignty and cultural knowledge while allowing young adults to gain skills and experience in land stewardship practices to prepare them for careers in the natural resource field.  
*\$218,780*

**Fox Valley Trout Unlimited**  
Restoring Fish Passage in the West Branch White River (WI)  
Restore 2.9 miles of brook trout habitat and 7 acres of wetland and remove invasive species from 13 acres. Project will continue efforts to reconnect and restore brook trout habitat in West Branch of the White River and central Wisconsin’s Lake Michigan watershed.  
*\$398,475*

**Glacial Lakes Conservancy**  
Regenerative Stormwater Conveyance System in Willow Creek Preserve (WI)  
Remove 10,000 pounds of sediment and install a regenerative stormwater conveyance to limit pollutants in urban stormwater runoff entering a class two trout stream in Willow Creek and its tributary. Project will improve water quality of the runoff that enters Willow Creek’s tributary and the linear miles downstream.  
*\$282,070*

**Great Lakes and St. Lawrence Cities Initiative**  
Advancing Priority Coastal Resilience Projects in Great Lakes Shoreline Communities (MI, WI)  
Advance projects to strengthen coastal resilience utilizing nature-based solutions to restore habitat in shoreline communities. Project will advance five projects through site assessment and 30% designs while expanding stakeholder engagement and showcasing demonstration sites to cities across the region.  
*\$999,996*

**Harbor District**  
Designing Wetland Habitat Structures to Revitalize Milwaukee’s Harbor (WI)  
Develop preliminary designs for the Milwaukee Harbor breakwater system to enhance wetland habitat and protect critical lakeside infrastructure. Project will assess the site’s conditions through data collection and surveys and produce preliminary engineering plans for layered habitat structures that create a self-sustaining ecosystem to reduce wave energy and storm impacts.  
*\$455,817*

**Harbor District**  
Installing Green Infrastructure and Introducing Native Vegetation Along Kinnickinnic River (WI)  
Install 38,300 square feet of green infrastructure, remove 1,843 pounds of sediment, plant 40 trees and retain 1.76 million gallons of stormwater annually. Project will introduce native vegetation and improve water quality to enhance the riparian corridor’s habitat value.  
*\$528,385*

**Kenosha County Division of Parks**  
Improving Water Quality Through Ecological Restoration in the Pike River (WI)  
Rehabilitate a section of the main branch of the Pike River within Petrifying Springs Park by restoring 3,280 feet of streambank, 5.2 acres of riparian habitat and 12,040 square feet of instream habitat. Project will improve fish and pollinator habitat, improve water quality, mitigate flooding and create an environmental corridor within a rapidly developing area of the Pike River watershed.  
*\$300,000*

**Mequon Nature Preserve**  
Managing Invasive Species at Mequon Nature Preserve (WI)  
Manage 20 species of nonnative invasive flora within a 50-acre farm and a 57-acre wetland restoration site, in which invasive plant seeds that had been lying dormant are now exposed due to the disturbed soil from the restoration work. Project will treat and reduce coverage of the nonnative species across more than 100 acres, including within 12.5 acres of anticipated wetlands, to limit future growth of invasive species and improve water quality downstream.  
*\$200,335*

**Milwaukee Board of School Directors, Milwaukee Public Schools**  
Addressing Stormwater Challenges through Greener Schools (WI)  
Support the detailed design, permitting and construction of green infrastructure at five urban schools to address Milwaukee’s stormwater challenges. Project will provide education and outreach through partnerships with nonprofit water-focused programming, supporting the creation of outdoor classrooms, enhanced recreational facilities and STEAM curricular connections, as well as plant 324 stormwater trees.  
*\$49,995*

**Milwaukee Board of School Directors, Milwaukee Public Schools**  
Increasing Green Infrastructure and Stormwater Storage in Milwaukee Schools (MI)  
Conduct removal of 6.5 acres of asphalt and install green infrastructure at six schools in the Milwaukee area. Project will capture over 1.2 million gallons of stormwater per rain event and engage young people and the community in environmentally conscious programming.  
*\$1,000,000*

**National Association of Conservation Districts**  
Engaging Soil and Water Conservation Districts in Farmers for Soil Health (multiple states)  
Train conservation districts and partners on the conservation incentives available through the Farmers for Soil Health Partnership. Project will provide regular briefings to 3,000 members and 10,000 partners across the 20 targeted states.  
*\$149,940*

**National Audubon Society**  
Monitoring Marsh Birds in the Great Lake Region to Restore Wetlands (multiple states)  
Restore 3,000 acres of wetland across 12 priority regions of Great Lakes coastal wetlands to protect the habitat of 14 species of marsh birds. Project will restore coastal wetland at high-priority sites and build capacity of key landowning partners to incorporate marsh bird monitoring at sites with critical data gaps that support development of local marsh bird conservation networks.  
*\$1,200,000*

**National Center for Appropriate Technology**  
Outreach and Communications to Historically Underserved Farmers (multiple states)  
Provide Farmers for Soil Health partners and state technical assistance grantees support, training and template communications materials. Project will train each state technical assistance program to tailor their outreach and communications to historically underserved farmers.  
*\$178,827*

**Ozaukee County, Wisconsin**  
Restoring Wetland with Native Planting to Improve Pollinator Habitat (WI)  
Improve stormwater drainage through the restoration and expansion of a 1-acre wetland with native plantings to reduce stormwater runoff and flooding events to improve water quality without disrupting natural processes. Project will plant over 100 trees and add 400,000 gallons of stormwater storage to help mitigate runoff impacts during peak flows, reduce bluff erosion and improve migratory bird and pollinator habitat.  
*\$200,000*

**Riveredge Nature Center**  
Enhancing Riparian Edge to Protect Migratory Birds (WI)  
Remove 40 woody and herbaceous invasive plant species across more than 200 acres in Ozaukee County to benefit 27 species of concern including marsh-nesting birds, the endangered rusty patched bumble bee and swamp metalmark butterfly. Project will remove and monitor woody and herbaceous invasive plants in habitat significant to migratory and breeding avian species and insect pollinator species.  
*\$115,733*

**Soil Health Institute**  
Enhancing Soil Health and Cover Crop Training for the Farmers (multiple states)  
Establish a three-year cover crops and soil health training and education program to deliver in-person and virtual education programming that provides growers and their advisers with knowledge to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level education priorities and provide regional training and outreach tailored to local technical assistance needs.  
*\$641,353*

**Soil Health Institute**  
Enhancing Training to Address Identified Soil Health Needs and Barriers to Adoption (multiple states)  
Establish a 15-month soil health training program to deliver in-person and virtual education programming that provides state and national commodity organizations and growers and their advisers with the technical and practical knowledge necessary to successfully implement soil health management systems. Project will elevate existing programs, support ongoing state-level research and education priorities and provide regional training and outreach tailored to local technical assistance needs throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$194,552*

**Southeastern Wisconsin Invasive Species Consortium**  
Sustaining and Enhancing Cedarburg Bog Habitat through Continued Invasive Species Control (WI)  
Remove invasive buckthorn across over 150 acres of Cedarburg Bog to protect wetland plant communities that include cedar and tamarack trees. Project will use cut and treat with herbicide method to destroy buckthorn and maintain the high-quality cedar tamarack swamp.  
*\$292,380*

**The Bee and Butterfly Habitat Fund**  
Seed A Legacy Pollinator Habitat Program (multiple states)  
Expand the Seed A Legacy program to restore and improve pollinator habitat on public lands, private sites and private working lands in 12 states. Project will provide technical assistance, seed mixes and milkweed seedlings to landowners, businesses, corporate campuses, school campuses, community sites and solar energy sites and improve 1,200 acres, restore 475 acres, host 15 events and reach 2,205 people.  
*\$175,000*

**The Nature Conservancy**  
Developing the East River Resilience Collaborative for Nature-Based Solutions (WI)  
Support community-engaged, data-driven planning to identify and prioritize nature-based projects; enhance coordination of the East River Resilience Collaborative; and support demonstration projects in the East River Watershed. Project will develop a Flood Resilience Implementation Plan outlining priority nature-based solutions that will reduce flood risk and enhance habitat for fish and wildlife.  
*\$199,811*

**University of Missouri**  
Cover Crop Education to Advance Farmers for Soil Health Initiative (multiple states)  
Provide cover crop education programs, publications and farmer educational videos in support of the Farmers for Soil Health Initiative. Project will boost cover crop adoption by participating farmers throughout the 20 states in the Farmers for Soil Health Initiative.  
*\$153,828*

**University of Missouri**  
Cover Crop Technical Assistance for Farmers for Soil Health Partnership (multiple states)  
Collaborate with the Soil Health Institute and other partners in providing technical assistance support to the 20-state Farmers for Soil Health initiative. Project will engage farmers and train the farm advisors for each state technical assistance program.  
*\$694,712*

WYOMING

**Bird Conservancy of the Rockies**  
Evaluating Impact on Grassland Birds (multiple states)  
Continue the multiyear effort to evaluate and quantify the impact of grazing management and habitat restoration projects on focal grassland bird species across the Northern Great Plains. Project will conduct three studies used to inform future grassland management to benefit bird species.  
*\$150,000*

**Bird Conservancy of the Rockies**  
Full Annual Cycle Grassland Bird Conservation in the Great Plains - III (multiple states)  
Complete the final phase of this effort by tagging additional birds (Baird’s sparrow, Sprague’s pipit, chestnut-collared longspur and thick-billed longspur), analyzing bird movement data and developing management recommendations. Project will create data products that will be used to inform strategic spatially prioritized habitat conservation.  
*\$208,150*



**Bird Conservancy of the Rockies**  
Increasing Capacity to Enhance Private Grasslands Conservation (MT, NE, SD, WY)  
Increase capacity for Private Lands Wildlife Biologists based in NRCS offices across the Northern Great Plains states to foster community engagement and provide financial and technical support to private landowners. Project will survey 2 active greater sage-grouse leks, improve management on 50,000 acres, restore 2,000 acres and improve 10 miles of fencing to wildlife-friendly standards. *\$545,781*

**Ducks Unlimited**  
Supporting Grasslands Conservation Networks in the Northern Great Plains (MT, ND, SD, WY)  
Expand and enhance the impact of existing programs, partnerships and community engagement by providing technical assistance to underserved areas, enhancing private lands biologists networks and supporting grasslands conservation workshops. Project will improve management on 29,000 acres, restore 1,000 acres of grasslands and restore 50 acres of wet-meadow. *\$500,000*

**Grand Teton National Park Foundation**  
Restoring Kelly Hayfields of Grand Teton (WY)  
Restore a previously cultivated section of the Kelly Hayfields in Grand Teton National Park to benefit bison, elk, pronghorn, sage-grouse, songbirds and other native wildlife. Project will restore 50 acres of sagebrush grassland with native grasses, forbs and shrubs and prepare an additional 25 acres for future restoration and replanting. *\$150,000*

**Inter Tribal Buffalo Council**  
Restoring Buffalo Habitat for Ecosystem Health and Tribal Culture (MT, ND, NE, SD, WY)  
Develop, facilitate and manage the Buffalo Habitat Restoration and Improvement Programs to increase buffalo habitat, outreach, education and access for Tribes. Project will conduct three buffalo restoration studies used to inform management, improve management on 10,000 acres and restore 11,000 acres of buffalo habitat. *\$700,000*

**National Audubon Society**  
Guiding Restoration Across the Great Plains Using Habitat Management Plans (MT, ND, NE, SD, WY)  
Improve habitat quality on private working lands across the Northern Great Plains through management agreements, technical assistance for land restoration activities and landowner education. Project will improve visibility of 2 miles of fence, remove invasive trees from 100 acres, restore lands including 2 greater sage-grouse leks, restore 20 acres of riparian habitat, improve management on 75,000 acres and restore 8,880 acres by removing invasive vegetation and conducting prescribed burns. *\$1,757,728*

**National Audubon Society**  
Enhancing Sagebrush Habitat Through Conservation Ranching Initiative (UT, WY)  
Implement grazing/seeding techniques and infrastructure to increase native forage and protect riparian habitat to benefit greater sage-grouse and other native species in Utah and Wyoming. Project will manage 37,500 acres for invasive annual grasses and grazing techniques, install 8 miles of wildlife-friendly fencing, install 6 livestock water tanks and reseed 200 acres with native forbs and grasses. *\$412,018*

**The Mule Deer Foundation**  
Migration Corridors and Winter Range Initiative - III (multiple states)  
Enhance rangeland habitat across the Rocky Mountain Region to benefit mule deer, sage-grouse and other native wildlife species. Project will improve 10 miles of fencing to wildlife-friendly specifications, remove 10 miles of wildlife-unfriendly fencing, manage 4,500 acres for invasive annual grasses, remove invasive juniper from 500 acres and replant 3,000 acres of fire-damaged rangeland. *\$491,786*

**World Wildlife Fund**  
Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management. *\$163,135*

**World Wildlife Fund**  
Expanding Regenerative Grazing in the Northern Great Plains (multiple states)  
Partner with ranchers to develop and implement sustainable grazing plans and practices that are supported by ecological monitoring, infrastructure improvements and habitat restoration activities across the Northern Great Plains. Project will restore 300 riparian acres to benefit greater sage-grouse, improve management on 150,000 acres and restore 10,000 acres of marginal cropland back to native grassland, including 4,451 acres on Ft. Belknap Reservation in Montana. *\$1,000,000*

**Wyoming Game and Fish Department**  
Connecting Wyoming’s Habitats for Migratory Species through Wildlife-Friendly Fences  
Convert fences posing a threat to ungulate migration in Wyoming by removing, replacing and/or modifying fences to wildlife-friendly standards. Project will work with landowners and federal land managers and utilize existing partnerships to prioritize and implement 150 miles of fence modifications. *\$1,000,000*

**Wyoming Game and Fish Department**  
Improving Migration Corridors and Winter Range for Priority Mule Deer Herds (WY)  
Improve forage quality and connectivity between seasonal ranges in Wyoming for mule deer and other wildlife. Project will improve 25.4 miles of fencing to wildlife-friendly standards, restore 3,050 public acres and remove invasive vegetation from 5,776 acres. *\$732,500*

**Wyoming Stock Growers Land Trust**  
Protecting Resident and Migratory Bird Habitat through Conservation Easement on HN Ranch (WY)  
Place a conservation easement on the HN Ranch to protect important wildlife habitat in a region under heavy rural residential development pressure. Project will protect nearly 2,500 acres of productive and ecologically important grazing land. *\$250,000*

**Wyoming Stock Growers Land Trust**  
Conserving the X Heart Ranch (WY)  
Place a perpetual conservation easement on a working family-owned ranch comprised of native wetlands, oak and grasslands in northeast Wyoming. Project will place 1,998 acres under easement. *\$144,300*

U.S. TERRITORIES

AMERICAN SAMOA

**American Samoa Department of Marine and Wildlife Resources**  
Swains Island Tropical Ecosystem Restoration and Invasive Species Management Planning (AS)  
Engage community stakeholders and collaborate with conservation experts to identify opportunities and build capacity for tropical restoration and invasive species management on Swain’s Island. Project will create an operational and reforestation plan for long-term protection that supports at-risk terrestrial and marine species and reestablishes native flora on the 460-acre island to benefit the entire island ecosystem. *\$864,259*

**American Samoa Department of Commerce**  
Utilizing LiDAR to Support Nature-Based Resilience Solutions in American Samoa  
Collect topographical-bathymetric LiDAR and plane-based photographic imagery for all of American Samoa’s islands and atolls to form the foundation for resilience projects that address sea-level rise in American Samoa. Project will acquire the foundational water level, geodetic observations and inundation modeling needed to build capacity to implement coastal resilience projects. *\$1,673,100*

**Coral Restoration Foundation**  
Increase Coral Restoration Capacity (AS)  
Provide coral restoration education to practitioners in American Samoa. Project will provide theoretical and practical skills in restoration techniques and infrastructure needs to start and sustain programs including planning, fundraising and outreach. *\$103,226*

GUAM

**Guam Department of Agriculture**  
Integrated Habitat Enhancement Initiative (GU)  
Enhance 100 acres of low-value habitat to reduce hazardous wildfire fuel loads, thin acacia nurse trees, underplant native vegetation and continue a restoration a project in Malesso. Project will implement upland restoration to improve habitat for at-risk species and mitigate impacts of floods and fires, which protects marine habitats from severe erosion and sedimentation. *\$1,726,724*

**Guam Department of Agriculture**  
Updating Watershed Management Plan for Piti-Asan Watershed to Prioritize Restoration (GU)  
Produce an updated Asan-Piti Watershed Management Plan to establish water quality targets, best management practices and proposed actions. Project will update the watershed management plan to support Guam coral reef restoration and fisheries in the Piti Bomb Holes Marine Protected Area. *\$149,005*

**The Nature Conservancy**  
Guahan Sentinel Landscape Coordinator (GU)  
Engage with military services, nonprofits and key federal, state and local stakeholders to improve coordination and track outcomes across the Guahan Sentinel Landscape. Project will support planning efforts to identify high-priority sites or management actions and assist with outreach efforts to private landowners and other stakeholders. *\$300,000*

**University of Guam Sea Grant**  
Restoring Watersheds through Agroforestry (GU)  
Utilize agroforestry through intercropping fruit trees with ongoing native tree planting to improve biodiversity and habitat for birds in Guam. Project will reduce flow of land-based pollutants from significant soil erosion to protect coastal waters and adjacent streams that lead to the Ugum river. *\$1,568,351*

**University of Guam**  
Supporting Fisheries Management Plans (GU)  
Assess the vulnerability and status of surgeonfishes and parrotfishes on Guam. Project will combine life-history data, data and fishery-independent surveys to support development of fishery management plans. *\$124,794*

NORTHERN MARIANA ISLANDS

**Johnston Applied Marine Sciences**  
Coral Reef Restoration to Enhance Coastal Community Resilience in Saipan (MP)  
Restore coral populations along the western barrier reef of Saipan, Commonwealth of the Northern Mariana Islands to enhance fisheries habitat and reduce impacts from sea-level rise. Project will protect vulnerable coastal communities from flooding and erosion to improve overall island community resiliency. *\$1,500,000*

**Pacific Coastal Research & Planning**  
Advancing Nature-Based Solutions to Stabilize and Enhance Saipan’s Beach Road Corridor (MP)  
Develop permit-ready engineering designs for a shoreline stabilization project along the Beach Road corridor on Saipan. Project will conduct biological surveys and finalize site plans for living shoreline, beach nourishment, stormwater interventions to protect critical infrastructure and marine ecosystems. *\$376,330*

PUERTO RICO

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden. *\$339,525*

**Centro para la Reconstrucción del Hábitat**  
Building Coastal Resilience Capacity in Playa de Ponce and the Bay of Ponce (PR)  
Build community capacity to evaluate the viability of nature-based solutions to improve social-ecological resilience in Playa de Ponce. Project will conduct wave and climate modeling, need assessments and identify regulatory frameworks relevant to coastal restoration projects such as mangrove reforestation and living shorelines to protect critical infrastructure and vulnerable populations. *\$275,000*

**Institute for Socio-Ecological Research**  
Constructing a Land-based Coral and Sea Urchin Nursery in La Parguera, PR  
Repair existing nursery structures damaged from hurricane Fiona in a way that will increase resiliency to future storms. Project will relocate elements of the nursery to higher ground, decrease the reliance on the power grid and strengthen the structures of the land-based coral and sea urchin nursery. *\$80,000*

**Puerto Rico Department of Natural and Environmental Resources**  
Restoring Coastal Habitat and Resilience at Culturally Important Cabo Rojo Salt Flats (PR)  
Restore coastal habitat and hydrological connectivity in two shore segments in Cabo Rojo to improve adaptation for sea-level rise and reduce threats from coastal erosion and flooding. Project will benefit important shorebird migration stopover habitat for more than 25 species and enhance socio-economic and cultural conditions for local communities. *\$5,000,000*

**The Ocean Foundation**  
Increase Understanding of Leatherback Nesting Patterns in the Northwest Atlantic (PR, USVI)  
Study the historical beach use of leatherbacks sea turtles through tagging, genetic data collection and population assessment. Project will work to understand recent population declines and see if turtles are moving to other beaches that may need increased protection. *\$24,639*

**The Ocean Foundation**  
Restoring Mangroves in Jobos Bay to Enhance Local Community Protection from Coastal Hazards (PR)  
Restore and rehabilitate 695 acres of mangrove forests within the Jobos Bay National Estuarine Research Reserve. Project will enhance natural mangrove regeneration to improve protection from hurricane-related wind and storm surge impacts. *\$1,232,147*

U.S. VIRGIN ISLANDS

**Bluefin Data**  
Developing a Electronic Reporting Platform for Atlantic Coast Highly Migratory Species Fisheries (multiple states)  
Develop a streamlined electronic reporting tool that meets the reporting requirements of the Highly Migratory Species recreational fishery in the Atlantic East Coast and Gulf of Mexico. Project will enhance data collection, support regionally led programs and minimize anglers’ reporting burden in addition to integrating existing citizen science fish tagging data collection efforts. *\$339,525*

**The Ocean Foundation**  
Increase Understanding of Leatherback Nesting Patterns in the Northwest Atlantic (PR, USVI)  
Study the historical beach use of leatherbacks sea turtles through tagging, genetic data collection and population assessment. Project will work to understand recent population declines and see if turtles are moving to other beaches that may need increased protection. *\$24,639*

UNITED STATES AND INTERNATIONAL  
FISCAL YEAR 2023 CONSERVATION INVESTMENTS

CANADA

Bird Conservancy of the Rockies  
Evaluating Impact on Grassland Birds  
(multiple states)

Continue the multiyear effort to evaluate and quantify the impact of grazing management and habitat restoration projects on focal grassland bird species across the Northern Great Plains. Project will conduct three studies used to inform future grassland management to benefit bird species.

\$150,000

Bird Conservancy of the Rockies  
Informing Full Annual Cycle Grassland Bird  
Conservation in the Great Plains - III  
(multiple states)

Complete the third and final phase of this effort by tagging additional birds (Baird’s sparrow, Sprague’s pipit, chestnut-collared longspur and thick-billed longspur), analyzing bird movement data and developing management recommendations. Project will create data products that will be used to inform strategic spatially prioritized habitat conservation.

\$208,150

Conserve Wildlife Foundation  
of New Jersey  
Tracking Red Knot and Mapping Breeding  
Habitat to Assess Resilience to Climate Change  
(CA, NJ)

Track and monitor red knot populations to collect breeding location information and to identify suitable nesting habitat. Project will update and produce critical habitat maps for red knot breeding grounds broken out by different wintering populations and will generate predicative climate change and threat maps for these sites to be used for forecasting resilient habitat and developing strategies that allow for better protection of red knots and aid in their overall recovery.

\$80,000

Nature Conservancy of Canada  
Restoring Native Canadian Grasslands  
to Benefit Greater Sage-Grouse  
and Pronghorn (AB)

Restore high-priority grassland in Alberta’s Missouri-Milk River Grasslands by partnering with landowners, provincial and federal governments and local conservation organizations. Project will place 2,484 acres under easement, improve visibility of 5 miles of fence for greater sage-grouse, restore 150 acres, improve management on 14,817 acres and improve 12 miles of fencing to benefit pronghorn.

\$1,091,085

South of the Divide Conservation  
Action Program  
Managing Native Prairies for Biodiversity in  
Southwest Saskatchewan (CA)

Foster engagement and collaborative conservation actions with landowners, including implementing new grassland conservation agreements, reintroducing bison to the Nekaneet First Nation Reserve and incorporating traditional knowledge and indigenous stewardship practices into management plans. Project will improve management on 40,000 acres, restore 640 grassland acres and improve 10 miles of fence to wildlife-friendly standards.

\$500,000

University of Waterloo  
Assessing the Long-term Persistence in  
Hibernacula of the Fungus Causing White-  
Nose Syndrome (CA)

Determine the long-term persistence of the fungus causing white-nose syndrome (WNS) in hibernacula in North America. Project will provide insight into whether bats are still being exposed to the fungus from environmental reservoirs in hibernacula in the WNS-endemic zone, which will guide decision making on whether it is necessary to treat sites that have shown a decline in fungal presence since it was detected four years ago.

\$97,385

Wildlife Conservation Society Canada  
Field Implementation of a Probiotic Treatment  
to Reduce Fungal Infection in Bats (BC, WA)

Implement a probiotic treatment cocktail in 11 bat maternity colony study sites in Washington state and British Columbia and refine protocols in preparation for potential upscaling of this disease management tool. Project will tag individual bats, spray substrates in colonies and continue to refine and compare annual per-site survivorship rates to eventually quantify the disease management tool’s efficacy to reduce mortality caused by white-nose syndrome.

\$57,897

World Wildlife Fund  
Updating the Plowprint Report to Inform  
Future Grasslands Conservation Efforts  
(multiple states)

Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.

\$163,135

LATIN AMERICA  
AND THE CARIBBEAN

American Bird Conservancy  
Improving Galapagos Petrel Nesting Areas  
on Private Lands on San Cristobal  
and Santa Cruz Islands

Improve the nesting areas of critically endangered Galápagos petrel on privately owned agricultural lands on San Cristobal and Santa Cruz islands in Ecuador. Project will engage a subset of the local farming community to review threats to the species and methods to protect nests including predator control and invasive plant removal that will benefit petrel breeding; 30 artificial petrel nest burrows will also be installed and monitored in cooperation with participating farmers and landowners.

\$130,000

American Bird Conservancy  
Reducing Bycatch of Waved Albatross  
in Fisheries and Measuring Population  
Dynamics in Ecuador

Reduce bycatch of the critically endangered waved albatross in artisanal fisheries in coastal Ecuador and monitor population dynamics and collect demographic data from the primary breeding location in the Galapagos. Project will hold workshops with fishers, develop and distribute gear that mitigates bycatch, conduct surveys to evaluate bycatch in coastal fisheries, conduct small drone surveys of Española and collect data on population dynamics and threats to breeding on Española and La Plata Islands.

\$225,000

Bird Conservancy of the Rockies  
Informing Full Annual Cycle Grassland Bird  
Conservation in the Great Plains States for  
Steeply Declining Species - III

Complete the third and final phase of this effort by tagging additional birds (Baird’s sparrow, Sprague’s pipit, chestnut-collared longspur and thick-billed longspur), analyzing bird movement data and developing management recommendations. Project will create data products that will be used to inform strategic spatially prioritized habitat conservation.

\$208,150

Equilibrio Azul  
Conservation of critically endangered hawksbill  
and leatherback sea turtles in Ecuador

Strengthen sea turtle conservation by monitoring, building infrastructure and restoring vegetation in beaches, while growing local capacity and training. Project will continue hawksbill and leatherback work at beaches, in-water monitoring and workshops with fishers, adding bycatch mitigation strategies, restoring nesting beaches and a training program for sea turtle conservation.

\$298,000



**Fundación de Conservación Jocotoco**  
Eradicating Invasive Rodents to Restore the Galapagos Petrel Population on Floreana Island, Ecuador  
Implement the first invasive rodent eradication on an inhabited island (Floreana) in the Galapagos and prepare for feral cat eradication towards the recovery of the island’s population of Galapagos petrel. Project will conduct application of aerial and ground-dispersed toxic baits, manage non-target risks, implement effective biosecurity measures and empower local stakeholders while improving the monitoring procedures for estimating Galapagos petrel mortality rates pre-eradication.  
*\$1,000,000*

**Fundación de Conservación Jocotoco**  
Mitigating Waved Albatross Bycatch through Improved Technology and Fishing Practices in the Galapagos  
Develop a local strategy to implement alternative fishing technology for the Galapagos Marine Reserve to reduce waved albatross bycatch and contribute to long-term sustainability. Project will support efforts to eliminate the use of non-permitted fishing gear and will engage the fishing community in practices and technology development to support sustainable fisheries among local stakeholders.  
*\$200,000*

**Fundación de Conservación Jocotoco**  
Protecting the Galapagos Petrel Population of Santa Cruz Island by Eradicating Invasive Opossum  
Implement actions to eradicate an incipient population of invasive common opossum from Santa Cruz Island in the Galapagos to protect the island’s population of critically endangered Galapagos petrel. Project will achieve eradication through the application of aerial and ground-dispersed toxic baits, trapping and hunting and will manage non-target risks, implement effective biosecurity measures and empower local stakeholders, including biosecurity officers and park rangers.  
*\$100,000*

**Galapagos Conservancy**  
Restoring Nesting Habitat for Waved Albatross on Espanola Island in the Galapagos  
Implement island wide status surveys of the waved albatross nesting population on Espanola Island in the Galapagos. Project will restore 1,400 acres of waved albatross nesting habitat through removal of invasive woody plants and attraction of giant tortoises to engineer plant communities for the benefit of nesting albatross and will monitor waved albatross response to restoration activities as well as trends in woody vegetation post treatment.  
*\$350,000*

**Grupo de Ecología y Conservacion de Islas**  
Feral Cat Removal and Seabird Translocation on Guadalupe Island (MEX) - II  
Continue eradication of feral cats that threaten seabird populations and complete translocations to Guadalupe Island in Mexico. Project will conduct translocations of black-footed albatross from Midway Atoll to Guadalupe Island and initiate the translocation of Ainley’s storm-petrel, continue seabird monitoring and social attraction and conduct environmental education and outreach efforts to support seabird conservation.  
*\$635,000*

**Grupo de Ecología y Conservacion de Islas**  
Protecting and Monitoring the Townsend’s Shearwater on the Revillagigedo Archipelago - IV  
Continue protection of Townsend’s shearwater on the Revillagigedo Archipelago of Mexico. Project will continue and improve cat eradication efforts on Socorro Island through camera traps and detection dogs, install social attraction systems and artificial burrows to restore Townsend’s shearwater nesting areas, complete planning for a rabbit eradication on Clarion Island and strengthen the implementation of biosecurity protocol on Socorro and Clarión islands.  
*\$350,000*

**Island Conservation**  
Eradicating Invasive Mammals to Protect Nesting Humboldt Penguins on Chilean and Peruvian Islands  
Eradicate invasive rats and rabbits and train local stakeholders to perform similar island restoration activities to protect nesting habitat for Humboldt penguin populations at multiple sites in Chile and Peru. Project will conduct invasive species removal including fence construction, deployment of bait, monitoring, data collection and analysis, eradication efficacy assessments and camera trap monitoring.  
*\$599,990*

**Oikonos - Ecosystem Knowledge**  
Advancing Pink-footed Shearwater and Humboldt Penguin Conservation in Chile  
Continue investments for pink-footed shearwater in Chile and improve coordination and standardization of colony monitoring for Humbolt penguin in Chile and Peru. Project will monitor the effectiveness of the mammal proof fence at the Piedra Agujereada colony, document responses to the eradication of introduced coati in Robinson Crusoe island and establish a training program on Isla Mocha for residents and young scientist to increase technical capacity and community engagement beyond Oikonos.  
*\$178,000*

**Pacific Rim Conservation**  
Creating Resilient Tropical Seabird Colonies through Translocation (HI, MEX) - II  
Transport 62 black-footed albatross eggs from Midway Atoll in Hawai’i and move 20 Ainley’s Storm-petrel chicks from Morro Prieto to Guadalupe Island, Mexico. Project will help establish new breeding colonies on high islands to protect against predators and climate change impacts on habitat to decrease extinction risk of the two species.  
*\$224,000*

**Prescott College**  
Monitoring Nesting Colony Dynamics of Craveri’s Murrelet in the Gulf of California, Mexico  
Document specific nesting locations, colony size, productivity and threats to Craveri’s murrelet on the Midriff Islands of the Gulf of California in Mexico. Project will incorporate information about Craveri’s murrelet in education and capacity-building programs conducted in local and indigenous communities and collaborate to contribute to the development of management and conservation plans for the species.  
*\$60,992*

**Pro Delphinus**  
Assessing Waved Albatross and Humboldt Penguin Bycatch in Peru and Chile  
Assess waved albatross and Humboldt penguin bycatch in small-scale fisheries in Peru and Chile. Project will conduct a literature review and interview fishers in 45 ports distributed from northern Peru to southern Chile, targeting three types of fishing gear to inform the scientific community, governmental institutions, fishers and other stakeholders from Peru and Chile about bycatch occurrence and support for implementation of conservation measures focusing on bycatch mitigation.  
*\$129,000*

**Virginia Polytechnic Institute and State University**  
Preventing Human Disturbance of Atlantic Flyway Shorebirds - IV (multiple states)  
Expand implementation and assessment and disseminate human behavior change strategies through the completion of pilot projects in Georgia, Connecticut, New York and South Carolina and the establishment of new projects at additional sites to address human disturbance to shorebirds— primarily red knot, American oystercatcher and whimbrel. Project will develop impactful, scalable conservation strategies that can be applied along the Atlantic coast to reduce disturbance leading to improved shorebird survival and reproductive success.  
*\$200,000*

**WIDECAST: Wider Caribbean Sea Turtle Conservation Network**  
Understand Leatherback Decline in the Northwest Atlantic and Reduce Bycatch Threats in Trinidad  
Determine survival rates for nesting leatherbacks and codevelop national bycatch reduction strategy in Trinidad. Project will collaborate with stakeholders to analyze regional mark-recapture data and codevelop appropriate bycatch reduction techniques and priority actions in Trinidad and Tobago.  
*\$192,506*

**Wild Earth Allies**  
Reducing Eastern Pacific Hawksbill Bycatch through a New Marine Protected Area in El Salvador  
Establish a new marine protected area with fishing communities in a regional bycatch hotspot to reduce threats to the eastern Pacific hawksbill. Project will establish an experimental no-take zone and create a management plan in Punta Amapala, El Salvador to safeguard key hawksbill foraging habitats.  
*\$190,000*

**World Wildlife Fund**  
Updating the Plowprint Report to Inform Future Grasslands Conservation Efforts (multiple states)  
Generate annual updates of the Plowprint Report and Central Grasslands Assessment Map to track grassland conversion and woody plant encroachment across the Great Plains. Project will assess existing grasslands to inform carbon, water and biodiversity benefits of intact grasslands and inform future grasslands management.  
*\$163,135*

PACIFIC ISLANDS

**Island Conservation**  
Restoring Polynesian Storm-Petrel Nesting Populations on Kamaka Island, French Polynesia  
Restore endangered Polynesian storm-petrel nesting populations on Kamaka Island, French Polynesia, through the application of field-tested social attraction techniques. Project will expand the number of endangered Polynesian storm-petrel breeding locations and catalyze species recovery efforts for this and other species in the region through increased local capacity.  
*\$102,106*

# GULF ENVIRONMENTAL BENEFIT FUND

## FISCAL YEAR 2023 PROJECT COMMITMENTS

In the wake of the 2010 Deepwater Horizon explosion and oil spill in the Gulf of Mexico, BP Exploration and Production, Inc. and Transocean Deepwater, Inc. each pled guilty to criminal violations of federal law. The plea agreements in those cases required BP and Transocean, among other things, to make certain monetary payments to NFWF that are designated to fund projects benefiting Gulf Coast natural resources injured as a result of the spill. NFWF has established the Gulf Environmental Benefit Fund to receive and administer these funds. Funding was committed to the following projects under the Gulf Environmental Benefit Fund during Fiscal Year 2023 in accordance with the terms of the plea agreements.

Since its inception in 2013, NFWF has awarded approximately \$2.3 billion to projects in the Gulf States. Through fiscal year 2023, all of the Transocean funds have been obligated and disbursed.

### ALABAMA

**Alabama Department of Conservation and Natural Resources**  
**Gulf Highlands Conservation Acquisition (Amendment)**  
Expand the project footprint by acquiring the Beach Club West property adjacent to the Gulf Highlands property, previously acquired with GEBF funds. Together these properties represent the largest, privately held, undeveloped beachfront remaining in coastal Alabama. The Beach Club West parcel includes habitat for numerous species affected by the Deepwater Horizon oil spill and its associated response activities, including various coastal birds, sea turtles, and the Alabama beach mouse.  
*\$8,200,000*

**City of Foley**  
**Wolf Creek and Sandy Creek Headwaters Restoration - Phase II**  
Implement the designs and recommendations from the Wolf Creek Headwaters Engineering and Design project, including stream restoration, bank stabilization, invasive species removal and monitoring and adaptive management. This project will restore nearly a half mile of instream habitat and 50 acres of wetlands through invasive species removal, resulting in projected load reductions of 35% sediment, 18% nitrogen, and 17% phosphorus to Wolf Bay, an important habitat for juvenile fish, shellfish and oysters.  
*\$2,788,000*

**Mobile Bay National Estuary Program / Marine Environmental Sciences Consortium**  
**Deer River Coastal Marsh Stabilization and Restoration - Phase II**  
Stabilize one mile of Mobile Bay shoreline and restore the hydrology of over 275 acres of saltmarsh, one of the largest remaining expanses along the western shore of Mobile Bay. The project will help to ensure the long-term sustainability of the Deer River shoreline and marsh in the face of significant erosion from winds, tides, ship wakes, and storm surge. It will improve ecosystem function of the saltmarshes and tidal creeks within the marsh system and create 19 acres of additional marsh to replace what has been lost over recent decades.  
*\$16,046,000*

**Mobile Bay National Estuary Program / Marine Environmental Sciences Consortium**  
**Lower Fish River Watershed Restoration – Phase II**  
Implement projects designed under the GEBF-funded Lower Fish River Watershed Restoration Engineering and Design project. Under Phase I, highly eroded stream segments in the Magnolia River watershed were identified as priorities for restoration. Phase II of this project will implement the restoration designs to reduce the amount of sediment and nutrient carried into Weeks Bay, benefiting water quality and coastal habitats in the bay.  
*\$9,003,000*

**Town of Dauphin Island**  
**Dauphin Island East End Beach and Dune Restoration - Phase II**  
Implement the beach and dune restoration that was designed and permitted under Phase I of this project. The construction component will restore approximately 1.5 miles of beach shoreline and approximately 85 acres of beach and dune habitat. These features will protect an additional 50 acres of beach and dune habitat as well as a maritime forest and a freshwater lake within the Dauphin Island East End Bird Sanctuary previously enhanced using GEBF funds. These habitats serve as important foraging and nesting habitat for migratory, and beach nesting birds.  
*\$26,066,000*

### FLORIDA

**Atlanta Botanical Garden**  
**Restoration of Florida’s Coastal Dune Lakes - Phase II (Amendment)**  
Complete the restoration of wetland habitats on an additional 90 acres within Deer Lake State Park, part of Florida’s unique coastal dune lakes system. Amendment to continue project activities until 2025.  
*\$363,312*

**Clearwater Marine Aquarium**  
**Increased Capacity for Marine Mammal Response (Amendment)**  
Enhance the Marine Mammal Stranding Network along the Florida Gulf Coast by providing established stranding organizations with supplemental staff, equipment and provisions to improve stranding response and data collection efforts. Project will provide for minimal capacity requirements to allow the organization to contribute critical stranding data to a centralized database on marine mammal health. Amendment to continue project activities until 2024.  
*\$55,000*

**Dolphins Plus**  
**Increased Capacity for Marine Mammal Response (Amendment)**  
Enhance the Marine Mammal Stranding Network along the Florida Gulf Coast by providing established stranding organizations with supplemental staff, equipment and provisions to improve stranding response and data collection efforts. Project will provide for minimal capacity requirements to allow the organization to contribute critical stranding data to a centralized database on marine mammal health. Amendment to continue project activities until 2024.  
*\$69,080*

**Emerald Coast Wildlife Refuge**  
**Increased Capacity for Marine Mammal Response (Amendment)**  
Enhance the Marine Mammal Stranding Network along the Florida Gulf Coast by providing established stranding organizations with supplemental staff, equipment and provisions to improve stranding response and data collection efforts. Project will provide for minimal capacity requirements to allow the organization to contribute critical stranding data to a centralized database on marine mammal health. Amendment to continue project activities until 2024.  
*\$104,600*

**Escambia County**  
**Pensacola Bay Living Shoreline Project – White Island Habitat Restoration**  
Restore White Island in western Pensacola Bay. Funds will support construction of approximately 4,200 linear feet of emergent and submerged offshore breakwaters and creation of approximately 45 acres of emergent marsh habitat, 15 acres of beach habitat, and 10 acres suitable for natural recruitment of submerged aquatic vegetation. Offshore breakwaters and submerged reefs will create habitat for fishes and shellfish, while protecting important shallow water and shoreline habitats also used by fishes, shellfish, shorebirds, and seabirds.  
*\$9,000,000*

**Gulf World Marine Institute**  
**Increased Capacity for Marine Mammal Response (Amendment)**  
Enhance the Marine Mammal Stranding Network along the Florida Gulf Coast by providing established stranding organizations with supplemental staff, equipment and provisions to improve stranding response and data collection efforts. Project will provide for minimal capacity requirements to allow the organization to contribute critical stranding data to a centralized database on marine mammal health. Amendment to continue project activities until 2024.  
*\$57,343*





White ibis  
in Texas

**Mote Marine Laboratory**  
**Increased Capacity for Marine Mammal Response (Amendment)**  
Enhance the Marine Mammal Stranding Network along the Florida Gulf Coast by providing established stranding organizations with supplemental staff, equipment and provisions to improve stranding response and data collection efforts. Project will provide for minimal capacity requirements to allow the organization to contribute critical stranding data to a centralized database on marine mammal health. Amendment to continue project activities until 2024.  
*\$63,586*

**The Wild Neighbors Database Project**  
**Increased Capacity for Marine Mammal Response - Online Data Entry and Management Solution**  
Develop a centralized online tool for collecting and managing cetacean health and stranding data in the Gulf of Mexico in partnership with the National Oceanic and Atmospheric Administration and members of the Gulf of Mexico Marine Mammal Stranding Network. Project will design, pilot, and implement a user-friendly centralized system that facilitates standardized data collection across partners, improves capabilities for integration of different data streams, and streamlines data access for analyses and reporting with the goal of early detection and response to threats to marine wildlife populations.  
*\$261,204*

**LOUISIANA**

**Louisiana Coastal Protection and Restoration Authority**  
**Mid-Barataria Sediment Diversion: Construction**  
This award will support construction of the Mid-Barataria Sediment Diversion project, in addition to funding awarded through the Natural Resource Damage Assessment program. Barataria Basin has lost over 420 square miles of coastal wetlands since 1932 due to a variety of factors including subsidence, sea level rise, oil and gas activity, and waterway construction. A significant contributor to this land loss crisis has been the leveeing of the Mississippi River which has prevented the regular flooding of the delta plain with freshwater and sediment required to offset subsidence and sea-level rise. The project will reconnect the Mississippi River to its deltaic floodplain, allowing sediments and freshwater to naturally build and sustain wetlands in the Barataria Basin. Construction of the project is expected to take five years and its subsequent operations is expected to build or sustain approximately 20 square miles or 13,000 acres of wetlands (compared to the “future without action” scenario) over 50 years. The Mid-Barataria Sediment Diversion project is of a type specifically identified as suitable for funding under the plea agreements.  
*\$660,000,000*

**Louisiana Coastal Protection and Restoration Authority**  
**Mid-Barataria Sediment Diversion: Engineering & Design - II (Amendment)**  
Build on previous work to complete the engineering and design of the Mid-Barataria sediment diversion. Once constructed, the diversion is anticipated to convey up to 75,000 cubic feet per second of sediment-rich river water, introducing approximately 150 million tons of new sediment into Barataria Basin over a 50-year projection. Amendments to complete 100% of the engineering and design and administrative closeout.  
*\$11,705,000*

**MISSISSIPPI**

**Mississippi Department of Environmental Quality**  
**Invasive Species Management on Coastal State Land - Phase II (Amendment)**  
Develop invasive species management activities to control and/or eradicate the invasive Amazonian Apple Snail in the lower Pascagoula estuary. Amendment to support an increased level of effort for the remainder of the project.  
*\$2,000,000*

**Mississippi Department of Environmental Quality**  
**Wolf River Headwaters Acquisition**  
Acquire and permanently protect over 14,000 acres along the Wolf River and its headwaters. Acquiring this significant acreage will close large gaps between existing conservation areas and enhance and protect water quality in St. Louis Bay. Once acquired, the lands would be owned by Mississippi State University and managed by the MSU Forest and Wildlife Research Center. The bottomland hardwood portions of the property that are the focus of the GEBF investment would be protected from harvest and managed to protect and enhance downstream water quality benefits.  
*\$15,103,000*

**National Park Service**  
**Habitat Restoration: Federal Lands Program - Phase II**  
In 2015, the GEBF funded the first phase of the Habitat Restoration on Federal Lands Program as part of a broader strategy to improve coastal habitats across federal lands, state parks, and wildlife management areas in Mississippi. Funding for phase two will focus on continued habitat restoration efforts and management needs within the Gulf Islands National Seashore. The efforts will include monitoring, mapping, and removing nonnative and invasive species from the sensitive barrier island ecosystem.  
*\$1,578,000*

**The Nature Conservancy**  
**Enhancement of St. Louis Bay Oyster Reef (Amendment)**  
Expand an existing oyster reef in St. Louis Bay in Mississippi by 20 acres. Restoration will be accomplished through the deployment of clutch material at an existing 10-acre oyster reef site to add acreage and increase vertical relief. The vertical relief will ensure greater resilience to occasional incidents of low dissolved oxygen as well as enhance fisheries habitat. Amendment to support construction of the subtidal oyster reef designed as part of the project.  
*\$2,000,000*

**TEXAS**

**Coastal Bend Bays and Estuaries Program**  
**Nueces Delta Shoreline Erosion Protection (Amendment)**  
Construct 3,900 linear feet of breakwater to protect 650 acres of marsh habitat along the face of the Nueces Delta shoreline. Amendment to cover increased construction costs.  
*\$250,000*

**Ducks Unlimited**  
**Greens Lake Shoreline Protection and Marsh Construction Project - Phase II (Amendment)**  
Construct 3.3 miles of shoreline protection breakwaters along a highly-eroded section of the Gulf Intercoastal Waterway adjacent to the Greens Lake Marsh Complex. Amendment to cover increased construction costs.  
*\$2,500,000*

**Texas Parks and Wildlife Department**  
**Candy Abshier Wildlife Management Area Shoreline Protection and Marsh Restoration (Amendment)**  
Protect coastal habitats within the Candy Abshier Wildlife Management Area by constructing a breakwater structure to protect the shoreline from further loss by erosion. Amendment to cover increased construction costs.  
*\$480,000*



# IMPACT-DIRECTED ENVIRONMENTAL ACCOUNTS (IDEA) FISCAL YEAR 2023 PROJECT COMMITMENTS

NFWF’s IDEA department serves as a manager and trustee for funds arising from legal and regulatory actions involving natural resources and the environment. These funds originate primarily from court orders, settlements of legal cases, regulatory permits, licenses, and conservation and mitigation plans.

## ALABAMA

**Westervelt Ecological Services**  
U.S. Army Corps of Engineers Endowment - Yellowleaf Mitigation Bank (AL)  
Long-term management of mitigation land in Shelby County, Alabama.  
**\$7,524**  
*Mitigation*

## CALIFORNIA

**ASM Affiliates**  
Hunsinger Draw Meadow Restoration Project Cultural Resources Inventory and Evaluation (CA)  
Complete cultural resources survey and reporting to Modoc National Forest in support of the development of an initial project prospectus for the Hunsinger Draw Meadow Restoration project. Project would restore aquatic resources in Modoc National Forest, Lassen County, California.  
**\$25,803**  
*Mitigation*

**California Department of Fish and Wildlife, Office of Spill Prevention and Response**  
Guadalupe Restoration Maintenance and Operations (CA)  
Fund the California Department of Fish and Wildlife for administrative costs incurred in the response, containment, and cleanup of the Guadalupe Restoration maintenance and operations.  
**\$25,154**  
*State Civil Case*

**California Invasive Plant Council**  
Managing Invasive Sea Lavender in the San Francisco Estuary - III (CA)  
Protect native plant and wildlife habitat in the San Francisco Bay Estuary tidal marshes by controlling invasive sea lavender through mapping and removal.  
**\$199,902**  
*Federal Criminal Case*  
*Multiple prosecutions*

**California State University - Stanislaus**  
Tipton Kangaroo Rat Monitoring on Unit 15 of Kern National Wildlife Refuge - 2022 (CA)  
Monitor populations of endangered Tipton kangaroo rat via live-trapping on Unit 15 of Kern National Wildlife Refuge.  
**\$3,806**  
*Mitigation*

**City of Goleta**  
Ellwood Beach Public Access and Habitat Enhancement Project (CA)  
Complete design, permitting and first phase of implementation for two beach access improvements and five acres of coastal scrub, grassland, and dune habitat restoration at Ellwood Mesa in Goleta, California.  
**\$208,500**  
*State Civil Case*

**Coastal Watershed Council**  
River Health Days: Community-Based Habitat Enhancement of the Lower San Lorenzo River (CA)  
Expand efforts to increase biodiversity and ecosystem function to sustainable levels to benefit special status species in the lower San Lorenzo River in Santa Cruz, California by hosting volunteer events and propagating, growing, and planting site-specific native riverine plants.  
**\$15,000**  
*State Civil Case*

**Contra Costa Resource Conservation District**  
2023 San Ramon Creek Arundo Removal Project (CA)  
Restore 3.3 acres of riparian land by removing 15,000 square feet of invasive Arundo donax from three sites in the San Ramon Creek watershed in Contra Costa County, California. Project will improve ecosystem function and fish and wildlife habitat.  
**\$84,456**  
*State Civil Case*

**Denise Duffy & Associates**  
California Department of Fish and Wildlife Initial and Capital Account - South of Tioga Project (CA)  
Short-term management of mitigation land in Monterey County, California.  
**\$35,516**  
*Mitigation*

**East Bay Regional Park District**  
Miller/Knox and Ferry Point Recreation and Fishing Improvements: Ferry Point Pier Removal Project Augmentation (CA)  
Remove large, severely deteriorated portions of the Ferry Point Pier located in Miller/Knox Regional Shoreline in Richmond, California. Project will allow recreational users of the remaining public fishing pier to navigate the area safely and will greatly expand open water views of San Francisco Bay.  
**\$295,233**  
*State Civil Case*

**First American Title Company**  
Bob Rabbit Parcels Acquisition (CA)  
Provide funds into an escrow account established by First American Title Company for the Native American Land Conservancy’s acquisition of land, titled the Bob Rabbit parcels, located in Kern County, for the long-term protection and conservation of western Joshua trees.  
**\$362,739**  
*Mitigation*

**Friends of Corte Madera Creek Watershed**  
Lower College of Marin Corte Madera Creek Habitat Restoration (CA)  
Remove parts of the downstream end of the concrete flood channel, lay back the banks, replace vertical concrete walls and ruderal uplands with natural habitats, and provide a gradual transition from the concrete channel to the much wider downstream earthen channel, to restore as much natural functioning aquatic, tidal, transitional, and riparian upland habitat as possible and to accommodate floodwater.  
**\$155,674**  
*Federal Criminal Case*  
*Multiple prosecutions*

**Gold Ridge Resource Conservation District**  
Passive Integrated Transponder Antenna Operations and Maintenance (CA)  
Operate and maintain existing passive integrated transponder tag antenna arrays at two sites, and establish and operate a third antenna array, in the Atascadero Creek watershed in Sonoma County, California. Project will support habitat restoration efforts in the Atascadero Creek watershed, as well as coho salmon recovery in the larger Russian River watershed.  
**\$21,636**  
*State Civil Case*

**Greater Los Angeles Zoo Association**  
Critical Upgrades to California Condor Recovery Program at the Los Angeles Zoo (CA)  
Fund the expansion of incubation capacity, improve mobility of staff raising condors at two rugged sites, and improve habitat conditions for condors be raised and/or rehabilitated for release. Project will allow the Los Angeles Zoo to continue its efforts to restore California condors to the wild as a self-sustaining population within California’s Central Region.  
**\$88,749**  
*Federal Criminal Case*  
*U.S. v. Wal-Mart Stores, Inc.*

**Hanson Environmental**  
San Joaquin River Restoration Implementation Technical Advisory Committee (CA)  
Assist and advise in the implementation of the San Joaquin River Restoration Settlement to restore flow and salmon populations to the San Joaquin River below Friant Dam in California.  
**\$3,500**  
*Other*

**Hardshell Labs**  
Subsidy Denial via Laser, 2022-2023 (CA)  
Use lasers to repel ravens from raven subsidy sites at a sewage treatment plant and composting facility near Victorville, California. Project will inform critical management decisions related to raven subsidy denial’s impact on protecting the federally listed desert tortoise.  
**\$194,757**  
*Mitigation*



**Humboldt State University Foundation**  
2023-2024 Mono Basin Stream Monitoring (CA)  
Conduct long-term stream monitoring in Rush and Lee Vining creeks in the Mono Lake basin in Mono County, California, under the terms of Los Angeles Department of Water and Power’s amended water license from the State Water Resources Control Board.  
**\$101,145**  
*Other*

**Institute for Wildlife Studies**  
Nonlead Ammunition Outreach (CA)  
Further California condor recovery efforts by providing non-lead ammunition outreach and education to hunters and landowners throughout California.  
**\$120,271**  
*Mitigation*

**Los Cerritos Wetlands Land Trust**  
Rare Species Habitat Restoration Project (CA)  
Improve and enhance the habitat quality of a coastal ecosystem located at Zedler Marsh in the Los Cerritos Wetlands in Los Angeles County, California. Project will improve the function of native mulefat scrub habitat and will sustain or improve breeding habitat for the endangered Least Bell’s vireo.  
**\$50,392**  
*State Civil Case*

**Mid Klamath Watershed Council**  
Middle Creek Coho Habitat Enhancement Project (CA)  
Construct two off-channel rearing ponds, 24 instream wood structures, and 2,000 feet of cattle-exclusion fencing, and install native revegetation in all areas of disturbed soils, to address a lack of coho salmon spawning and rearing habitat, as well as reestablish a functioning native riparian plant population along a third of a mile of Middle Creek.  
**\$152,414**  
*Mitigation*

**Ross Taylor and Associates**  
Mono Basin Fisheries Monitoring 2023-24 (CA)  
Conduct annual fisheries monitoring in Rush and Lee Vining creeks in the Mono Lake basin in Mono County, California under the terms of Los Angeles Department of Water and Power’s amended water license from the State Water Resources Control Board.  
**\$127,188**  
*Other*

**Santa Barbara County - Community Services Department, Parks Division**  
Arroyo Burro Beach Park Interpretive Signs (CA)  
Develop and install interpretive signs focusing on local wildlife and ecosystems of the watershed, estuary, and ocean at Arroyo Burro Beach Park in Santa Barbara County, California to provide a valuable and needed educational resource, and foster stewardship of the park.  
**\$49,900**  
*State Civil Case*

**Santa Barbara County - Community Services Department, Parks Division**  
Goleta Beach Park Beachfront and Coastal Access Improvements (CA)  
Renovate the beachfront park area and enhance recreational opportunities at Goleta Beach County Park in California by providing improved access for coastal sediment/beach nourishment deposition, reducing inwater usage by replacing the existing irrigation system, and decreasing the beachfront lawn area and installing non-invasive carbon-sequestration plantings.  
**\$439,600**  
*State Civil Case*

**Scott River Watershed Council**  
Restoring Beaver Haven (CA)  
Restore 5 acres of mildly degraded stream and riparian forest on Sugar Creek, a key Scott River tributary for coho salmon spawning and rearing, support outreach and education to help prevent additional depredations, and construct an access trail to allow for additional educational opportunities.  
**\$110,073**  
*Mitigation*

**Scott River Watershed Council**  
French Creek River Restoration (CA)  
Install five engineered log jams, introduce spawning gravel, and plant native riparian vegetation to provide immediate habitat benefits for coho salmon and other aquatic species in Middle French Creek.  
**\$119,725**  
*Mitigation*

**Stillwater Plains Mitigation Bank**  
Coyote Creek Restoration Project (CA)  
Fund a right of entry, conservation easement purchase option, and construction delivery agreement for potential In-Lieu Fee project site. The agreement requires delivery of the option purchase price to establish an exclusive and irrevocable option to purchase a conservation easement on the property in Tehama County, California.  
**\$1,000**  
*Mitigation*

**Suisun Resource Conservation District**  
Future of the Saltmarsh Harvest Mouse and Other Native Wetland Species - III (CA)  
Conduct genetic species identification on environmental DNA samples from 29 sites throughout the range of saltmarsh harvest mice and produce an updated range map, as well as construct multispecies occupancy models to reveal species interactions between saltmarsh harvest mice, western harvest mice, house mice, and California voles at 29 new and 47 previously sampled DNA sites in the San Francisco Estuary.  
**\$97,590**  
*Federal Criminal Case*  
*Multiple prosecutions*

**Sundance Biology**  
Common Raven Monitoring and Management (CA)  
Conduct raven monitoring and management activities for protection of federally listed desert tortoise in Ord-Rodman Critical Habitat Unit, which includes portion within Barstow Marine Corps Logistics Base, in California.  
**\$8,798**  
*Mitigation*

**Sundance Biology**  
Common Raven Monitoring and Management (CA)  
Conduct raven monitoring and management activities for protection of federally listed desert tortoise in Superior-Cronese Critical Habitat Unit and Fort Irwin’s Southeast Conservation Area in California.  
**\$272,853**  
*Mitigation*

**Sundance Biology**  
Common Raven Monitoring and Management (CA)  
Conduct raven monitoring and management activities for protection of federally listed desert tortoise in Joshua Tree National Park and Pinto Mountains Critical Habitat Unit in California.  
**\$102,716**  
*Mitigation*

**Sundance Biology**  
Common Raven Monitoring and Management (CA)  
Conduct raven monitoring and management activities for protection of federally listed desert tortoise in Fremont-Kramer Critical Habitat Unit in California.  
**\$186,158**  
*Mitigation*

**The Land Conservancy**  
of San Luis Obispo County  
Protection of the Dune Protected Areas from Invasive Species Threats (CA)  
Control invasive species including iceplant, perennial veldt grass, and European beachgrass to restore and maintain foredune and coastal dune scrub habitat in high-priority sections of the Guadalupe Nipomo Dunes Complex.  
**\$78,836**  
*State Civil Case*

**The Land Conservancy**  
of San Luis Obispo County  
California Department of Fish and Wildlife Initial and Capital Account - Guadalupe-Nipomo Dunes (CA)  
Short-term management of mitigation land in San Luis Obispo County, California.  
**\$125,000**  
*Mitigation*

**The Wildlands Conservancy**  
Bluff Lake Reserve Wet Meadow Restoration, Revegetation and Monitoring Project (CA)  
Restore, revegetate, and monitor montane meadow wetlands at the Bluff Lake Reserve in the Santa Ana River watershed in the San Bernardino Mountains, California.  
**\$62,500**  
*State Civil Case*

**Tom Johnson, LLC**  
San Joaquin River Restoration Settlement Implementation Restoration Administrator Services (CA)  
Assist in implementation of the San Joaquin River Restoration Settlement to restore flow and salmon populations to the San Joaquin River below Friant Dam in California by serving as Restoration Administrator under the terms of the settlement.  
**\$180,000**  
*Other*

**Triangle Properties**  
U.S. Fish and Wildlife Service Endowment - Scott Road Preserve (CA)  
Long-term management of mitigation land in Sacramento County, California.  
**\$13,434**  
*Mitigation Endowment*

**U.S. Department of Agriculture, Animal and Plant Health Inspection Service**  
Raven Management for Desert Tortoise Protection (CA)  
Conduct wildlife damage management activities to control ravens for the protection of the federally listed desert tortoise in the Mojave and Colorado deserts located within California.  
**\$141,000**  
*Mitigation*

**University of California - Santa Barbara**  
Riparian Habitat Restoration at Santa Clara River (CA)  
Conduct the critical second phase of restoration occurring on 170 acres of mixed wetland and riparian habitat on the Santa Clara River in Santa Paula, California, to restore critical habitat on the Santa Clara River. Project involves abatement of nonnative weeds, including arundo, and revegetation on a 30-acre area.  
**\$168,739**  
*State Civil Case*

**University of California - Santa Barbara**  
Mono Lake Limnology Monitoring Program (CA)  
Conduct meteorological and limnological monitoring, including collection of data on phytoplankton, brine shrimp, and the physical and chemical environment of Mono Lake in Mono County, California under the terms of Los Angeles Department of Water and Power’s amended water license from the State Water Resources Control Board.  
**\$274,777**  
*Other*

**Vollmar Natural Lands Consulting**  
Coyote Creek Wetlands Restoration Project Project Development Plan Support (CA)  
Provide support for development of a final draft project development plan for the National Fish and Wildlife Foundation’s Sacramento District California In-Lieu Fee Program mitigation project entitled, “Coyote Creek Wetlands Restoration Project (NWS-1/ NWV-1).” Project would restore aquatic resources, including vernal pools, and ensure long-term protection of the project site in Tehama County, California.  
**\$385,000**  
*Mitigation*

**Vollmar Natural Lands Consulting**  
Coyote Creek Wetlands Restoration Project, Project Development Plan Support (CA)  
Provide support for development of a final draft project development plan for the National Fish and Wildlife Foundation’s Sacramento District California In-Lieu Fee Program mitigation project entitled, “Coyote Creek Wetlands Restoration Project (NWS-1/ NWV-1).” Project would restore aquatic resources, including vernal pools, and ensure long-term protection of the project site in Tehama County, California.  
**\$4,950**  
*Mitigation*

**Westervelt Ecological Services**  
California Department of Fish and Wildlife Initial and Capital Account - Antelope Plains Mitigation Site (CA)  
Short-term management of mitigation land in Kern County, California  
**\$61,852**  
*Mitigation*

**Westervelt Ecological Services**  
California Department of Fish and Wildlife Initial and Capital Account - Hog Flats Preserve (CA)  
Short-term management of mitigation land in Madera County, California.  
**\$28,215**  
*Mitigation*

**Westervelt Ecological Services**  
U.S. Fish and Wildlife Service Initial and Capital Account - Lone Tree Mitigation Site (CA)  
Short-term management of mitigation land in Kern County, California.  
**\$44,951**  
*Mitigation*

**Wetland Resources**  
Elsie Gridley Mitigation Bank Credit Purchase (CA)  
Purchase 5.87 vernal pool reestablishment credits from Elsie Gridley Mitigation Bank under the National Fish and Wildlife Foundation’s Sacramento District California In-Lieu Fee Program, located in Solano County, California.  
**\$1,085,950**  
*Mitigation*

**Wilderness Youth Project**  
Bridge to Nature (CA)  
Organize field trips to the Santa Barbara coastline and coastal areas (in Santa Barbara County, downcoast of Coal Oil Point) for low-income and marginalized students to provide the opportunity for them to explore and learn about ocean and coastal ecology, allow them to forge relationships with experienced mentors, and help them develop a deep and lasting connection with their natural surroundings.  
**\$24,996**  
*State Civil Case*

COLORADO

**American Southwest Ichthyological Researchers**  
Evaluating Temporal and Spatial Spawning Patterns of Channel Catfish in the San Juan River (CO, NM, UT)  
Fund study to provide information on spawning periodicity, age, and growth of channel catfish to refine current nonnative fish control procedures or develop alternatives in the San Juan River.  
**\$43,987**  
*Mitigation*

**Colorado River Water Conservation District**  
Lease of Elkhead Reservoir Water for Lower Yampa River (CO)  
Fund the lease of 1,528 acre-feet of water from Elkhead Reservoir for the benefit of endangered fish in the Yampa River.  
**\$76,400**  
*Mitigation*

**Colorado Water Trust**  
2022 Ruedi Reservoir Water Lease (CO)  
Fund the lease of 1,000 acre-feet of water from Ruedi Reservoir in 2022 to benefit the endangered fishes in the Colorado River.  
**\$40,000**  
*Mitigation*

**Cresta Hydrologics**  
Development of Plan for Evaluation of Recommended River Flows in the Colorado River - II (CO)  
Fund the development of a scope of work to guide an evaluation of the U.S. Fish and Wildlife Service’s instream flow recommendations for the 15-mile reach of the Colorado River and to reevaluate water availability to meet those recommendations in the future.  
**\$19,099**  
*Mitigation*

**Grand River Consulting**  
Development of Plan for Evaluation of Recommended River Flows in the Colorado River (CO)  
Fund the development of a scope of work to guide an evaluation of the U.S. Fish and Wildlife Service’s instream flow recommendations for the 15-mile reach of the Colorado River and to re-evaluate water availability to meet those recommendations in the future.  
*\$20,180 Mitigation*

**Logan Simpson Design**  
“Reviving the Wild”: Restoring Lands in Little Snake Field Office (CO)  
Conduct a multi-phased wilderness restoration and stewardship program to restore, enhance, and protect wilderness characteristics across 700,000 acres of wilderness quality lands in the Bureau of Land Management’s Little Snake Field Office jurisdiction in Colorado.  
*\$1,922,973 Mitigation*

**Southwest River Engineering**  
Habitat Restoration Planning on the San Juan River (CO, NM, UT)  
Fund habitat restoration planning on the San Juan River for management actions that will be useful for razorback sucker recovery.  
*\$5,784 Mitigation*

**Tamarisk Coalition**  
Western Colorado Wilderness Riparian Enhancement Project (CO)  
Maintain and enhance wilderness characteristics and ecological function of riparian areas along key stretches of the White, Dolores, Gunnison, and Colorado rivers. Project activities will include invasive plant removal, reestablishment of native flora, vegetation monitoring to restore natural ecosystems and increase biodiversity, and public outreach to communicate the importance of public land management and wilderness values.  
*\$786,403 Mitigation*

**Texas A&M AgriLife Research**  
Pilot Study to Assess Accumulation of Dietary Methylmercury in Colorado Pikeminnow (CO, NM, UT)  
Provide funds to investigate the reproductive effects of mercury in Colorado Pikeminnow in the San Juan River.  
*\$15,725 Mitigation*

**U.S. Department of the Interior, U.S. Fish and Wildlife Service - New Mexico Conservation Office**  
Native Species Recovery Actions in the San Juan River Basin (CO, NM, UT)  
Implement five years of fish management on the San Juan River in accordance with the San Juan River Basin Recovery Implementation Program.  
*\$93,747 Mitigation*

**Zenobia Consultants**  
East Cross Mountain Restoration (CO)  
Protect, restore, reclaim, and enhance 920-acre Cross Mountain Canyon Ranch and adjacent lands with wilderness characteristics in the Bureau of Land Management’s Little Snake Field Office jurisdiction in Colorado.  
*\$3,166,704 Mitigation*

HAWAI’I

**American Bird Conservancy**  
Nualolo Kai Seabird Restoration and Ecosystem Monitoring Project - ABC (HI)  
Fund seabird restoration project in the isolated valley of Nualolo Kai, on Kaua’i, Hawai’i.  
*\$15,221 Mitigation*

**Archipelago Research and Conservation**  
Nualolo Kai Seabird Restoration and Ecosystem Monitoring Project - ARC (HI)  
Fund seabird restoration project in the isolated valley of Nualolo Kai, on Kaua’i, Hawai’i.  
*\$79,010 Mitigation*

**Hallux Ecosystem Restoration**  
Nualolo Kai Seabird Restoration and Ecosystem Monitoring Project - Hallux (HI)  
Fund seabird restoration project in the isolated valley of Nualolo Kai, on Kaua’i, Hawai’i.  
*\$55,351 Mitigation*

**Pacific Rim Conservation**  
Kaua’i Seabird Habitat Conservation Plan Conservation Plan Mitigation Site (HI)  
Establish a seabird mitigation site. Project will perform near term mitigation activities including installing predator proof fencing, promoting seabird social attraction, controlling barn owl and feral cats, and project management activities such as annual reporting and coordination with agencies.  
*\$224,794 Mitigation*

**University of Hawaii**  
Predator Control for Hawaiian Petrels on Leeward Haleakala (HI)  
Support predator control efforts for Hawaiian petrels on leeward Haleakala to minimize predation of petrel nestlings and adults. Project will further the conservation and reproductive success of the Hawaiian petrel colony in Maui County.  
*\$55,200 State Civil Case*

KENTUCKY

**Delta Land Services**  
Mitigation Services to Support Fanshell Mussel (KY)  
Fund mitigation services provided in support of a fanshell mussel mitigation project along the Licking River in Kentucky.  
*\$11,400 Mitigation*

MARYLAND

**Maryland Department of Natural Resources**  
Maryland Natural Resources Police Chesapeake Bay Investigative Equipment Purchases  
Fund the purchase of equipment by the Maryland Department of Natural Resources Police, Special Operations Division. Project will support investigative efforts focused on protection of the Chesapeake Bay and its fish resources.  
*\$47,663 Federal Criminal Case Various federal criminal prosecutions*

MINNESOTA

**Coast Machinery**  
Glacial Ridge National Wildlife Refuge Restoration Equipment Procurement (MN)  
Support the purchase of equipment for the Glacial Ridge National Wildlife Refuge to be utilized on a MarshMaster tracked vehicle. Project will allow for the creation of fire breaks, help implement prescribed fire, and fight wildfires, as well as helping to reduce the extent of hybrid cattail on Refuge wetlands.  
*\$17,440 Federal Civil Case*

**Heartland Custom Fence**  
Fence Restoration for Glacial Ridge National Wildlife Refuge (MN)  
Project will complete fencing replacement and repairs to a portion of fencing on the Glacial Ridge Nation Wildlife Refuge which was partially destroyed in the Oxcart Wildfire.  
*\$6,412 Federal Civil Case*

**Revolutions Power Sports**  
Glacial Ridge National Wildlife Refuge Invasive Species Management (MN)  
Fund the purchase of equipment at the Glacial Ridge National Wildlife Refuge to allow the U.S. Fish and Wildlife Service field staff to travel throughout the portion of the refuge that burned in the Oxcart Wildfire. Project will focus on vegetation monitoring and data collection, invasives surveillance, and invasives treatment.  
*\$22,492 Federal Civil Case*

MONTANA

**Glacier Excavating**  
Swan River National Wildlife Refuge Restoration Project (MT)  
Fund restoration work on the Swan River National Wildlife Refuge in Lake County, Montana.  
*\$31,600 Mitigation*

**River Design Group**  
Lost Trail National Wildlife Refuge (MT)  
Fund project management and coordination for Lost Trail National Wildlife Refuge restoration stream and wetland design in Flathead County, Montana.  
*\$1,834 Mitigation*

**River Design Group**  
Swan River National Wildlife Refuge Wetland Restoration (MT)  
Fund professional services on the Swan River National Wildlife Refuge restoration project in Lake County, Montana.  
*\$22,991 Mitigation*

NEVADA

**Bio-West**  
Fish Surveys for the Muddy River - Clark County, Nevada (NV)  
Collect information on the abundance and distribution of native and nonnative fishes inhabiting the Muddy River to inform management decisions for the endangered Moapa dace in Clark County, Nevada.  
*\$16,198 Mitigation*

**Ecocentric**  
Mojave Desert Tortoise Data Associated with Renewable Energy and Development (NV)  
Assist the U.S. Fish and Wildlife Service and U.S. Bureau of Land Management in evaluating the conditions of Mojave desert tortoises and collating scientific monitoring and research data related to renewable solar energy infrastructure and development projects in Southern Nevada.  
*\$46,860 Mitigation*

**Exotic Pet Vet Management**  
Veterinary Services/Consultation for Mojave Desert Tortoises Associated with the Gemini Solar Project (NV)  
Conduct monitoring of Mojave desert tortoises translocated from the Gemini Solar project site and placed in captivity at the former Desert Tortoise Conservation Center while the project site is under construction in Clark County, Nevada.  
*\$4,540 Mitigation*

**Southwest Decision Resources**  
Desert Tortoise Management Oversight Group Facilitation 2023 (NV)  
Support two virtual Desert Tortoise Management Oversight Group meetings in 2023 in coordination with the U.S. Fish and Wildlife Service in the State of Nevada.  
*\$10,671 Mitigation*

**SWCA**  
Monitoring Mojave Desert Tortoises at the Stump Springs Regional Augmentation Site and Trout Canyon Reference Site (NV)  
Conduct monitoring of Mojave desert tortoises translocated under the biological opinion issued to the Bureau of Land Management for the Yellow Pine Solar Project to the regional augmentation site that was established within an important linkage to assist in recovering the species (Stump Springs Regional Augmentation Site) and the Trout Canyon Reference Site in Clark County, Nevada.  
*\$69,073 Mitigation*

**SWCA**  
Monitoring Mojave Desert Tortoises at the Stump Springs Regional Augmentation Site and Trout Canyon Reference Site (NV)  
Conduct monitoring of Mojave desert tortoises translocated under the biological opinion issued to the Bureau of Land Management for the Yellow Pine Solar Project to the regional augmentation site that was established within an important linkage to assist in recovering the species in Clark County, Nevada.  
*\$173,734 Mitigation*

NEW MEXICO

**Airgas USA**  
Assessing the Effects of Oxygen Saturation on Passage Rates of Endangered Fishes on San Juan River (NM)  
Fund materials and supplies for conducting an assessment of the effects of oxygen saturation on passage rates of endangered fishes at Public Service Company of New Mexico fish passage facility on the San Juan River.  
*\$8,234 Mitigation*

**American Southwest Ichthyological Researchers**  
San Juan River Larval Endangered Fish Monitoring (NM)  
Fund endangered fish larval monitoring upstream of the intake for the Four Corners Power Plant water intake structure on the San Juan River.  
*\$22,686 Mitigation*

**American Southwest Ichthyological Researchers**  
Evaluating Temporal and Spatial Spawning Patterns of Channel Catfish in the San Juan River (CO, NM, UT)  
Fund study to provide information on spawning periodicity, age, and growth of channel catfish to refine current nonnative fish control procedures or develop alternatives in the San Juan River.  
*\$43,987 Mitigation*

**Biomark**  
Evaluation of Oxygen Infuser at Endangered Fish Passage (NM)  
Fund an evaluation of an oxygen infuser at Public Service Company of New Mexico Endangered Fish Passage to aid passage rates of Colorado pikeminnow and razorback sucker.  
*\$20,000 Mitigation*

**Ecosystems Research Institute**  
San Juan River Habitat Assessment - II (NM)  
Assess important habitats for endangered fishes in the San Juan River.  
*\$139,868 Mitigation*

**Southwest River Engineering**  
Habitat Restoration Planning on the San Juan River (CO, NM, UT)  
Fund habitat restoration planning on the San Juan River for management actions that will be useful for razorback sucker recovery.  
*\$5,784 Mitigation*

**Texas A&M AgriLife Research**  
Assess Accumulation of Methylmercury in Colorado Pikeminnow (CO, NM, UT)  
Provide funds to investigate the reproductive effects of mercury in Colorado pikeminnow in the San Juan River.  
*\$15,725 Mitigation*

**U.S. Department of the Interior, U.S. Fish and Wildlife Service - New Mexico Conservation Office**  
Native Species Recovery Actions in the San Juan River Basin (CO, NM, UT)  
Implement five years of fish management on the San Juan River in accordance with the San Juan River Basin Recovery Implementation Program.  
*\$93,747 Mitigation*



**U.S. Department of the Interior, U.S. Fish and Wildlife Service - New Mexico Ecological Services Field Office**  
Staff Biologist for San Juan River Recovery Actions (NM)  
Contribute towards a San Juan River Recovery Implementation Program staff biologist to conduct Recovery Actions.  
*\$129,563*  
*Mitigation*

NEW YORK

**Biomark**  
St. Lawrence River Muskellunge Conservation - II (NY)  
Purchase equipment to surgically implant muskellunge with hydro-acoustic transmitters and use the Great Lakes Acoustic Telemetry Observation System array to evaluate muskellunge movement patterns.  
*\$14,500*  
*Mitigation*

**Clarkson University**  
Mooneye in a St. Lawrence River Tributary of New York: Population Ecology & Conservation Plan (NY)  
Fund research that will delineate the population distribution, characterize habitat use, estimate population size, and reproductive phenology of mooneye in the Oswegatchie River watershed. Research will be used to draft a conservation plan and predict segments of other rivers within the St. Lawrence River Valley that may have existing mooneye populations or else would potentially be suitable for stocking.  
*\$116,797*  
*Mitigation*

**Innovasea Marine Systems Canada**  
St. Lawrence River Multi-species Telemetry Project (NY)  
Fund the purchase of equipment and materials for establishing a telemetry array throughout the St. Lawrence River and a multi-species tagging and movement study.  
*\$64,850*  
*Mitigation*

**Innovasea Marine Systems Canada**  
St. Lawrence River Muskellunge Conservation: Understanding Movements and Genetics in Support of Population Recovery Efforts (NY)  
Purchase equipment to surgically implant muskellunge with hydro-acoustic transmitters and use the Great Lakes Acoustic Telemetry Observation System array to evaluate muskellunge movement patterns.  
*\$64,761*  
*Mitigation*

**Terry’s Marine Service**  
Fish Enhancement, Mitigation, and Research Fund Workboat Purchase (NY)  
Fund the purchase of an aluminum jon boat, motor, and trailer for use as a fish enhancement, mitigation, and research fund workboat.  
*\$35,440*  
*Mitigation*

**The Wetland Trust**  
Bog Turtle Habitat Restoration (NY)  
Provide funds for bog turtle habitat restoration and monitoring at The Wetland Trust Moskowitz Easement in Dutchess County, New York.  
*\$2,500*  
*Mitigation*

**The Wetland Trust**  
Bog Turtle Monitoring Surveys - II (NY)  
Fund bog turtle habitat monitoring surveys at The Wetland Trust Moskowitz Easement in Dutchess County, New York.  
*\$2,500*  
*Mitigation*

**Thousand Islands Land Trust**  
St. Lawrence Bays Conservation Project: Blind Bay (NY)  
Fund acquisition related costs to support the acquisition of 20 acres of land along Blind Bay in the Town of Orleans, New York. Project will protect habitats and benefit dozens of fish species in the upper St. Lawrence River.  
*\$45,940*  
*Mitigation*

**Thousand Islands Land Trust**  
St. Lawrence Bays Conservation Project: Garlock Bay (NY)  
Fund the acquisition and permanent protection of 85 acres of land along Garlock Bay in the Town of Alexandria, New York. Project will protect habitats and benefit dozens of fish species in the upper St. Lawrence River.  
*\$381,750*  
*Mitigation*

**U.S. Army Corps of Engineers**  
Stoney Creek Marsh Island Ecosystem Restoration Project (NY)  
Provide funds for the restoration of approximately 62 acres of marsh island habitat in the Jamaica Bay Wildlife Refuge.  
*\$1,113,700*  
*Other*

**U.S. Department of the Interior, U.S. Fish and Wildlife Service, New York Field Office**  
St. Lawrence Fish Enhancement, Mitigation, and Research Fund Miscellaneous Expenses (NY)  
Support fish enhancement, mitigation, and research projects in the St. Lawrence River.  
*\$343,982*  
*Mitigation*

NORTH CAROLINA

**North Carolina Wildlife Resources Commission**  
Restoration of Habitat at Kings Bridge Tract (NC)  
Fund the floodplain restoration of an 87 acre parcel of adjacent to the French Broad River. Project will restore hydrologic connectivity of the ditched and drained French Broad River floodplain to the French Broad River and restore native vegetation as appropriate.  
*\$62,300*  
*Federal Criminal Case*  
*U.S. v. Duke Energy Carolinas; U.S. v. Duke Energy Progress*

**The Conservation Fund**  
Jessup Mill Dam Removal on Dan River (NC)  
Fund the design and permitting of the removal of Jessup Mill Dam and sediment associated with the dam on the Dan River in Stokes County, North Carolina. Project will reconnect habitat for the endangered Roanoke logperch and other species and remove a public safety hazard.  
*\$100,000*  
*Federal Criminal Case*  
*U.S. v. Duke Energy Carolinas; U.S. v. Duke Energy Progress*

**The Conservation Fund**  
Conservation of Paynes Branch (NC)  
Fund the acquisition of approximately 210 acres of forested lands in Forsyth and Stokes counties, North Carolina. Project will permanently protect over a mile of stream frontage along Payne’s Branch.  
*\$180,000*  
*Federal Criminal Case*  
*U.S. v. Duke Energy Carolinas; U.S. v. Duke Energy Progress*

**Town of Madison**  
Big Beaver Island Creek Restoration: Design and Permitting (NC)  
Fund the design and permitting of a stream restoration project along approximately 2,000 linear feet of Big Beaver Island Creek in Madison, North Carolina. Project will restore important habitat for the endangered Roanoke logperch.  
*\$200,000*  
*Federal Criminal Case*  
*U.S. v. Duke Energy Carolinas; U.S. v. Duke Energy Progress*

OHIO

**Magnolia OH**  
Eagle Creek Mitigation: Site Approval (OH)  
Fund mitigation site approval for 76.7 acres of Indiana bat and northern-long-eared bat mitigation at the Eagle Creek Mitigation Site in Ohio.  
*\$348,496*  
*Mitigation*

PENNSYLVANIA

**Gailey Environmental**  
U.S. Army Corps of Engineers Endowment - South Fork of Cross Creek Permittee Responsible Mitigation Project (PA)  
Long-term management of mitigation land in Avella, Pennsylvania.  
*\$1,340*  
*Mitigation Endowment*

**Johnson, Mirmiran & Thompson**  
Analysis of Organic Samples For Restoration Design (PA)  
Fund the radiocarbon dating of organic matter related to a restoration design as part of geotechnical work.  
*\$1,300*  
*Mitigation*

SOUTH DAKOTA

**All Creatures Animal Hospital**  
Oahe Wildlife Center Raptor Rehabilitation (SD)  
Conduct rehabilitation activities focused on golden eagles, bald eagles and other raptors in South Dakota. Project will repair and restore the large raptor flight pens and purchase veterinary medical materials and supplies to better care for injured birds.  
*\$8,966*  
*Federal Criminal Case*  
*Various federal criminal prosecutions*

**South Dakota Game, Fish and Parks**  
Golden Eagle Nesting Surveys in Western South Dakota (SD)  
Conduct aerial surveys for nesting golden eagles and other raptors using helicopter and fixed-winged aircraft. Project will increase working knowledge of nesting raptors in the South Dakota and provide baseline data to conduct future golden eagle monitoring work.  
*\$100,000*  
*Federal Criminal Case*  
*Various federal criminal prosecutions*

**Zoological Society of Sioux Falls**  
Raptor Rehab Program at Great Plains Zoo (SD)  
Support the construction of outdoor raptor flight aviaries at Great Plains Zoo. Project will better accommodate the healthcare needs of golden eagles, bald eagles and migratory raptors during rehabilitation.  
*\$10,800*  
*Federal Criminal Case*  
*Various federal criminal prosecutions*

TEXAS

**Galveston Bay Foundation**  
Appraisal and Earnest Money: Forest Conservation for Air Quality Protection (TX)  
Fund earnest money to enter into a purchase and sales agreement along with an appraisal to determine viability of acquisition in La Porte, Texas. Acquisition will protect air quality benefits provided by forests in the community.  
*\$26,278*  
*Federal Criminal Case*  
*U.S. v. EIDP Inc.*

**Galveston Bay Foundation**  
Land Acquisition: Forest Conservation for Air Quality Protection (TX)  
Purchase a 107 acre tract in La Porte, Texas and place a conservation easement to ensure perpetual protection. Acquisition will protect air quality benefits provided by forests in the community.  
*\$3,838,856*  
*Federal Criminal Case*  
*U.S. v. EIDP Inc.*

UTAH

**American Southwest Ichthyological Researchers**  
Evaluating Temporal and Spatial Spawning Patterns of Channel Catfish in the San Juan River (CO, NM, UT)  
Fund study to provide information on spawning periodicity, age, and growth of channel catfish to refine current nonnative fish control procedures or develop alternatives in the San Juan River.  
*\$43,987*  
*Mitigation*

**Grand Staircase Escalante Partners**  
Grand Staircase Stewardship and Sustainable Visitation Program (UT)  
Restore, reclaim, preserve and conserve wilderness characteristics in and around Grand Staircase-Escalante National Monument in Utah by decreasing visitor-caused impacts throughout the Monument, restoring and reclaiming impacted areas, and increasing visitor stewardship behaviors.  
*\$275,103*  
*Mitigation*

**Southern Utah Wilderness Alliance**  
Wilderness Protection Rapid Response Project (UT)  
Provide ongoing protection of wilderness boundaries and interiors across nine wilderness areas managed by the Bureau of Land Management Price Field Office in Emery County, Utah by ensuring effective motorized and mechanized travel management, preventing degradation due to erosion, and employing boundary delineation and restoration activities.  
*\$588,856*  
*Mitigation*

**Southwest River Engineering**  
Habitat Restoration Planning on the San Juan River (CO, NM, UT)  
Fund habitat restoration planning on the San Juan River for management actions that will be useful for razorback sucker recovery.  
*\$5,784*  
*Mitigation*

**Texas A&M AgriLife Research**  
Pilot Study to Assess Accumulation of Dietary Methylmercury in Colorado Pikeminnow (CO, NM, UT)  
Provide funds to investigate the reproductive effects of mercury in Colorado pikeminnow in the San Juan River.  
*\$15,725*  
*Mitigation*

**U.S. Department of the Interior, U.S. Fish and Wildlife Service, New Mexico Conservation Office**  
Native Species Recovery Actions in the San Juan River Basin (CO, NM, UT)  
Implement five years of fish management on the San Juan River in accordance with the San Juan River Basin Recovery Implementation Program.  
*\$93,747*  
*Mitigation*

**Utah State University**  
Riparian Restoration on the Lower White River (UT)  
Restore, reclaim, preserve, conserve, and enhance wilderness characteristics along the lower White River in Uintah County, Utah through the treatment of 44 acres of invasive weeds.  
*\$151,000*  
*Mitigation*

**Wasatch Helicopter**  
Helicopter Support for Humpback Chub Brood Collection (UT)  
Fund helicopter support for humpback chub brood collection in Desolation Canyon, Utah.  
*\$14,250*  
*Mitigation*

VIRGINIA

**College of William and Mary, Virginia Institute of Marine Science**  
Monitoring Polybrominated Diphenyl Ethers and Alternative-Flame Retardants in Fishes from the Dan and Roanoke River Systems (VA)  
Fund a study that measures contemporary flame-retardant levels in fishes of the Dan and Roanoke rivers and their tributaries by analyzing archived fish tissue samples for polybrominated diphenyl ethers and their alternatives. Project will provide data that can be used to inform human health and ecological risk assessments.  
*\$52,999*  
*Federal Criminal Case*  
*U.S. v. Duke Energy Carolinas; U.S. v. Duke Energy Progress*



NATIONWIDE

Northeast Environmental Enforcement Project

Advanced Environmental Crimes Training Program—NEEP  
Develop and administer Advanced Environmental Crimes Training Program courses that provide classroom and practical instruction for advanced investigation techniques applicable to the investigation of environmental crimes.  
\$3,665  
Federal Criminal Case  
U.S. v. Wal-Mart Inc.

Southern Environmental Enforcement Network  
Advanced Environmental Crimes Training Program  
Develop and administer Advanced Environmental Crimes Training Program courses that provide classroom and practical instruction for advanced investigation techniques applicable to the investigation of environmental crimes.  
\$3,107  
Federal Criminal Case  
U.S. v. Wal-Mart Inc.

Western States Hazardous Waste Project  
Advanced Environmental Crimes Training Program—WSP  
Develop and administer Advanced Environmental Crimes Training Program courses that provide classroom and practical instruction for advanced investigation techniques applicable to the investigation of environmental crimes.  
\$77,513  
Federal Criminal Case  
U.S. v. Wal-Mart Inc.

GUAM

North American Marine Environment Protection Association  
Marine Environmental Awareness and International Convention for the Prevention of Pollution from Ships (GU)  
Expand the program that supports and promotes International Convention for the Prevention of Pollution from Ships compliance and the importance of protecting the marine environment by educating students, educators, and the public in Guam.  
\$124,757  
Federal Criminal Case  
U.S. v. Pacific International Lines (Private) Limited

The University of Guam  
Critical Evaluation of Restoration of Staghorn Acropora Populations on Guam, Micronesia (GU)  
Assess the success of current efforts to reduce extinction risk and increase cover of eight species of essential habitat-forming staghorn acropora in selected reef flats in Guam, Micronesia.  
\$699,739  
Federal Criminal Case  
U.S. v. Pacific International Lines (Private) Limited

**NOTE:** One class of IDEA Accounts is “Mitigation Endowment.” Mitigation Endowments are perpetual funds held by NFWF in a fiduciary capacity to pay for the long-term management of lands or other long-term activities benefiting fish and wildlife habitats and/or species. NFWF includes individual Mitigation Endowments in its annual reports on a one-time basis for the year in which each such Mitigation Endowment makes its initial disbursement.

PHOTOGRAPHY

Masa Ushioda, Blue Planet Archive (cover, green sea turtle); Steve Gettle, Minden Pictures (p. 1, brown bear; back cover, green jay) Alan Murphy, Minden Pictures (p. 3, Scott’s oriole; p. 90, white ibis); Lynn M. Stone, Minden Pictures (p. 27, monarch butterfly); Winfried Wisniewski, Minden Pictures (p. 53, sandhill crane); Heidi and Hans-Juergen Koch, Minden Pictures (inside back cover, American alligator)

American alligator in Florida





# NFWF

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**FRONT COVER**

Green sea turtle in Hawai'i

**BACK COVER**

Green jay in Texas

