



Chesapeake Innovative Nutrient and Sediment Reduction Grants Program

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FUNDING PARTNER

- U.S. Environmental Protection Agency
- Chesapeake Bay Program

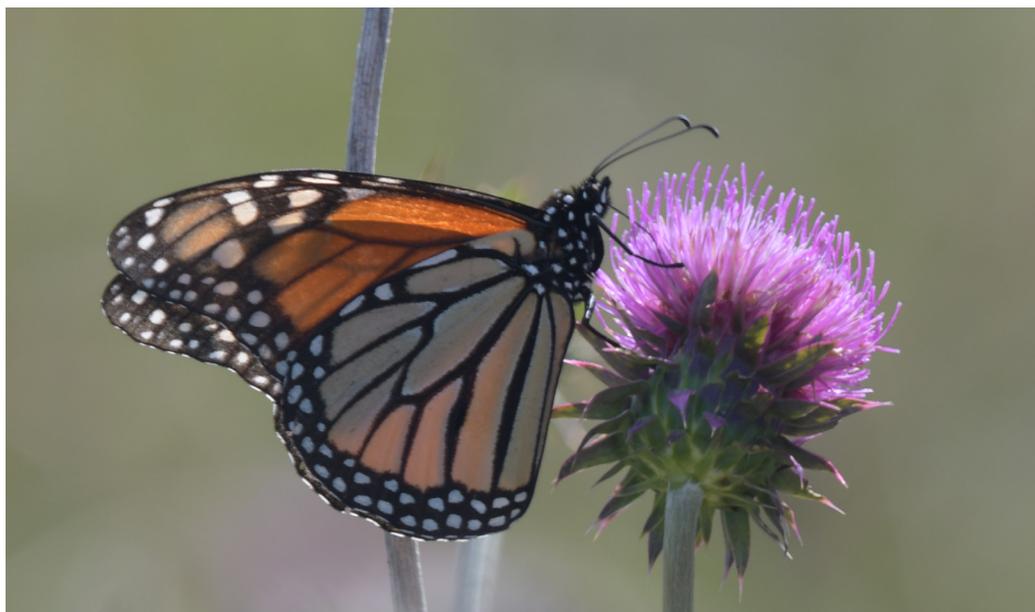
ABOUT NFWF

Chartered by Congress in 1984, the National Fish and Wildlife Foundation (NFWF) protects and restores the nation's fish, wildlife, plants and habitats. Working with federal, corporate and individual partners, NFWF has funded more than 6,000 organizations and generated a total conservation impact of \$7.4 billion.

Learn more at www.nfwf.org

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Monarch butterfly

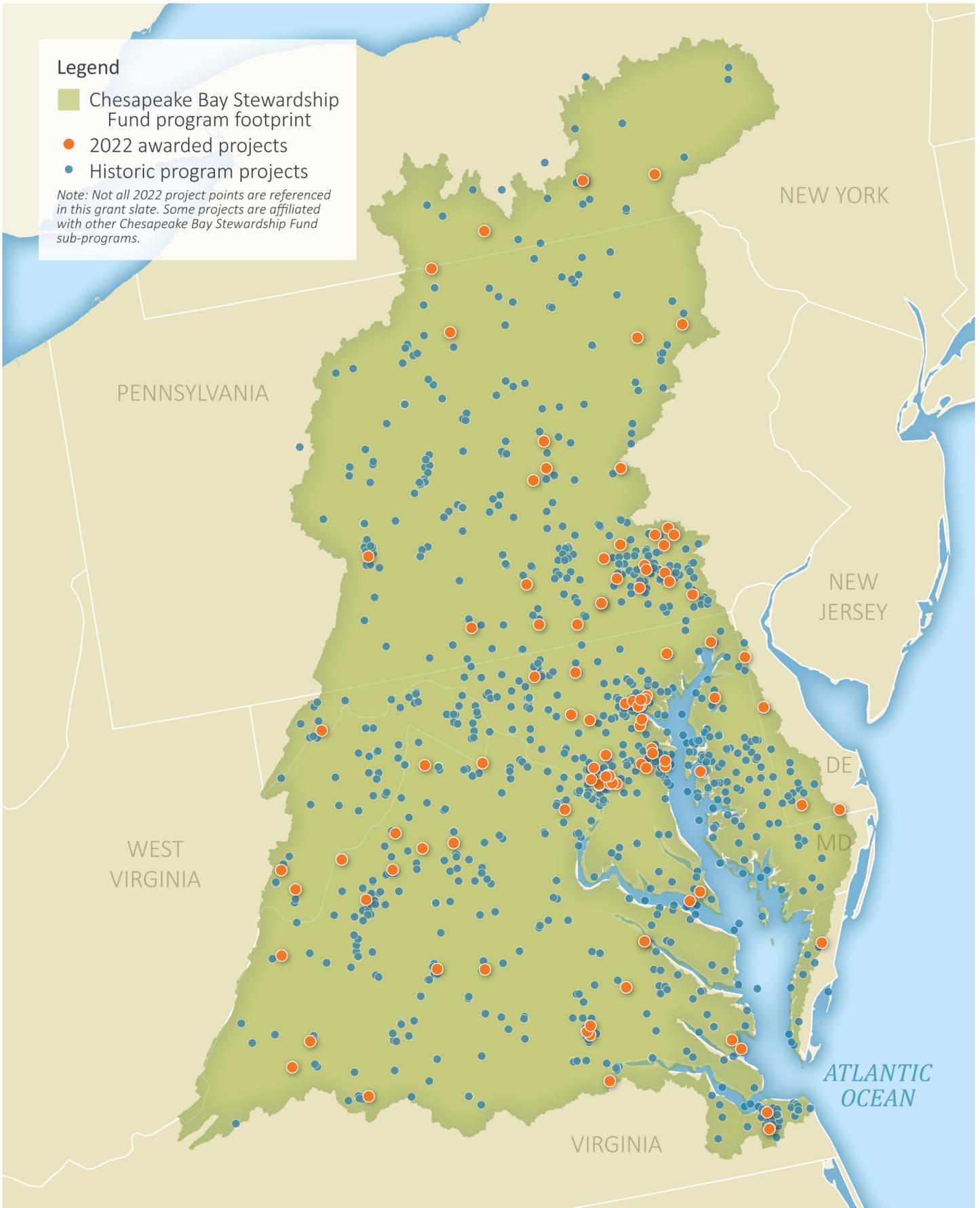
OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and the U.S. Environmental Protection Agency announced a 2022 round of funding for Innovative Nutrient and Sediment Reduction projects. 9 new conservation and restoration grants totaling more than \$8.4 million were awarded. These 9 awards announced generated \$13.8 million in match from the grantees, providing a total conservation impact of \$22.2 million.

The Innovative Nutrient and Sediment Reduction Grants program is a core component of NFWF's Chesapeake Bay Stewardship Fund, dedicated to protecting and restoring the bay by helping local communities clean up and restore their polluted rivers and streams. The fund also advances cost-effective and creative solutions with financial and technical assistance to local communities, farmers, and private landowners. NFWF manages the Stewardship Fund in partnership with government agencies and private corporations and in close coordination with the federal-state Chesapeake Bay Program partnership. Major funding is provided by the U.S. Environmental Protection Agency through the Chesapeake Bay Program Office.

Since 1999, the Stewardship Fund has worked with the public and private sectors to deliver on-the-ground conservation successes benefiting the communities, farms, habitats, and wildlife of the Chesapeake Bay region. In addition to competitive programs like the Innovative Nutrient and Sediment Reduction grants program, NFWF also makes targeted investments that support networking and information-sharing among restoration partners on emerging technologies, successful restoration approaches, and new partnership opportunities. These programs directly engage agricultural producers, homeowners, churches, businesses and others in on-the-ground restoration actions that improve the quality of life in communities throughout the watershed, while ultimately improving the health of the Chesapeake Bay

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Accelerating Riparian and Upland Best Management Practices to Improve Water Quality (VA)

Grantee: Alliance for the Shenandoah Valley

Grant Amount:.....\$1,000,000

Matching Funds:.....\$4,988,700

Total Project Amount:.....\$5,988,700

Accelerate the installation and maintenance of riparian and upland best management practices to improve water quality in the Shenandoah Valley of Virginia. Project will establish innovative demonstration farms, share implementation costs, provide technical support and use data and local knowledge to evaluate other watersheds in order to replicate the coordinated Smith Creek Watershed Partnership approach to improving water quality.

Accelerating Water Quality Improvements and Supporting Conservation Collaboratives (MD, PA, VA, WV)

Grantee: Trout Unlimited

Grant Amount:..... \$979,700

Matching Funds:.....\$1,236,100

Total Project Amount:.....\$2,215,800

Support restoration efforts and the assessment and further development of conservation collaboratives, programs, and services within the Chesapeake Bay Watershed region. Project will result in improved water quality in focal watersheds, increased capacity to deliver watershed scale conservation services in the region, engagement of future environmental stewards and the long-term monitoring and maintenance of conservation projects.

Collaborating to Accelerate Water Quality Improvement in the Rappahannock River Watershed (VA)

Grantee: Friends of the Rappahannock

Grant Amount:..... \$999,400

Matching Funds:.....\$1,364,800

Total Project Amount:.....\$2,364,200

Cultivate the growth, participation, and capacity of the Rappahannock River Roundtable partnership and measurably accelerate the geographic scale of implementation for priority conservation and water quality improvement practices in the Rappahannock River Watershed. Project will increase the participation and accessibility of cost-share programs and project implementation through financial incentives, inclusion of the carbon market, increased technical assistance and enhanced outreach.

Coordinating Partnerships to Increase Watershed Forestry Best Management Practices (PA)

Grantee: Watershed Alliance of York (WAY)

Grant Amount:.....\$1,000,000

Matching Funds:.....\$1,096,000

Total Project Amount:.....\$2,096,000

Bring together private and public partners to accelerate implementation, maintenance, and financial incentives of riparian forest buffers and lawn conversion projects in York County. Project will use partner-funded outreach, large

contract plantings, investment in partners' professional development and a marketing campaign to accelerate the pace of riparian forest buffer and lawn conversion implementation.

Establishing a Model for Equitable Restoration of Urban Tributaries of the Chesapeake Bay (VA)

Grantee: Elizabeth River Project

Grant Amount:.....\$1,000,000

Matching Funds:.....\$1,312,000

Total Project Amount:.....\$2,312,000

Explore creative approaches to motivate sustainable engagement of environmentally and economically vulnerable communities in equitable restoration of urban tributaries of the Chesapeake Bay. Project will implement ten on-the-ground projects such as living shorelines, rain gardens, conservation landscaping and tree plantings in the targeted communities to reduce pollutants while improving the capacity of social marketing programs to reach under-resourced communities.



Riparian buffer tree sapling

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Dairy cow in Pennsylvania

Fueling Natural Filter Restoration in the Headwaters of the Upper Susquehanna Watershed (NY, PA)

Grantee: Tioga County Soil and Water Conservation District of New York

Grant Amount:.....\$1,000,000
 Matching Funds:.....\$1,000,000
 Total Project Amount:.....\$2,000,000

Provide flexible funding and technical assistance opportunities for natural filter restoration and protection in the Upper Susquehanna Watershed of New York and Pennsylvania. Project will identify and implement high priority projects that provide ecosystem benefits such as improving habitat and addressing water quality and quantity.

Nutrient and Sediment Reduction through Healthy Soils and Regenerative Agriculture (MD)

Grantee: Future Harvest

Grant Amount:..... \$763,200
 Matching Funds:..... \$764,800
 Total Project Amount:.....\$1,528,000

Use partnerships to catalyze nutrient and sediment reduction through healthy soils and regenerative agriculture in Maryland. Project will combine entry-level educational opportunities, advanced peer-to-peer learning via knowledge cooperatives; financial incentives for practice implementation; state-specific economic case studies; and vouchers for technical assistance to support the adoption of soil health management systems (SHMS) and drive demand for soil health resources.

Outcomes-Based Model for Accelerating Pollutant Reductions (MD,PA)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:.....\$1,000,000
 Matching Funds:.....\$1,000,000
 Total Project Amount:.....\$2,000,000

Pilot an outcomes-based model for accelerating pollution reductions in Maryland and Pennsylvania. Project will engage partners and landowners to implement at least 115 acres of riparian forest buffer and upland reforestation projects and work with at least 12 dairy farmers to implement agricultural best management practices including field soil health practices, barnyard stabilization, heavy use areas, grassed waterways, manure storage facilities and other practices.

Scaling Up Biochar Applications for Accelerated Stormwater Runoff Reduction in the Chesapeake Bay

Grantee: Center for Watershed Protection

Grant Amount:..... \$699,500
 Matching Funds:.....\$1,039,800
 Total Project Amount:.....\$1,739,300

Accelerate the rate and scale at which biochar amendments are applied in the urban landscape to support runoff reduction and improved water quality across the Chesapeake Bay watershed. Project will 1) mature the partnership structure to ensure effectiveness and longevity, 2) deliver unified education and outreach around the benefits of biochar, 3) secure new partners who are committed to formalizing the infrastructure for widespread use of biochar amendments, and 4) provide technical assistance to partners on sourcing and using certified biochar in a variety of urban applications.