

2012 Alaska Fish Wildlife Fund Grant Awards

ID	Organization	Project Title	Location Description	Project Description	Total Grant Award	Non-Federal Match
32989	Northern Forum, Inc.	Seabird Data Portal: Sharing Alaska's Seabird Data	The Seabird Data Portal for data entry, management, and analysis encompasses all of Alaska's marine ecosystems where seabird data is collected.	The project expands the data management and sharing capabilities of the Seabird Data Portal, and incorporates new online data querying tools and increased functionality of the online interactive map.	\$39,999.45	\$40,000.00
32934	U.S. Fish and Wildlife Service - Region 7	Abundance and Demographic Estimation of Pacific Walrus	We will collect biopsy samples from walrus occupying sea ice and land based haulouts in the U.S. and Russia. This includes collections in the Bering Strait, Bristol Bay, and the Chukchi Sea coast.	We are initiating a long-term, genetics based, capture-mark-recapture program for Pacific walrus for estimation of abundance and demographic rates.	\$78,948.33	\$0.00
32707	LGL Alaska Research Associates, Inc.	Photo-identification of Beluga Whales in Upper Cook Inlet	This project is located in Upper Cook Inlet, Alaska. Field work will be conducted in the waters adjacent to Anchorage, and office work will be conducted in Anchorage.	This long-term project, NFWF-funded since 2004, uses photo-identification to assess and monitor individual and population characteristics of Cook Inlet beluga whales, which have been listed under ESA.	\$46,249.30	\$2,350.00
32677	SUNY Research Foundation	Genome-scale analysis of admixture in polar and brown bears	The project will take place in northern Alaska, incl. Kaktovik, which is part of the North Slope Arctic Ecosystem, and be conducted at the USGS Alaska Science Center and University at Buffalo, NY.	Hybridization could have large impacts on polar biodiversity. Taking a genome-scale approach we will investigate recent admixture in polar and brown bears in areas of known sympatry in northern Alaska	\$100,000.00	\$119,004.00
32903	University of Wyoming	Thinning and competition between martens and ermines on POW	Prince of Wales Island, Alaska	Thinning of young-growth forest stands may ameliorate competitive interactions between endemic Prince of Wales ermines and introduced American martens.	\$20,000.00	\$33,298.00
32991	World Wildlife Fund, Inc.	Polar Bears and People: Strengthening Community Engagement	Alaska (various)	This project aims to conserve polar bears and strengthen community engagement through the development of a community-based program to assess, manage, and reduce human-polar bear interactions.	\$70,691.04	\$72,002.00
32877	Woods Hole Oceanographic Institution	Monitoring the Arctic with Bowhead Whale Stable Isotopes	Bowhead whale baleen plates are collected during the 2012-2013 Alaska Eskimo subsistence harvests. The sampling of baleen plates occurs in Barrow, AK and lab processing in Woods Hole, MA.	Carbon and nitrogen stable isotope ratios analyzed from bowhead whale baleen will be used to monitor bowhead whale ecology and nutrient flow through the marine food webs of the Arctic and Bering Sea.	\$89,264.48	\$59,661.00
32972	Alaska SeaLife Center	Pacific walrus terrestrial haulout use and disturbance	Western Alaska	We propose to monitor historic and newly established Pacific walrus terrestrial haulout sites for attendance, duration, and level of disturbance using programmable still cameras for two years.	\$100,065.00	\$41,891.00
32852	San Francisco State University	Invasive tunicates impacts on Pacific herring in SE Alaska	Whiting Harbor, Sitka Alaska	Didemnum vexillum occurs in Alaska and densely covers benthic substrates. Pacific herring are benthic spawners with important fisheries which may be adversely affected by spread of D. vex.	\$31,594.00	\$31,844.00
32731	Manomet, Inc.	The Arctic Shorebird Demographics Network	The Network spans critical shorebird habitats across all of the Alaskan and Canadian Arctic from Nome to Churchill, and Manomet leads field work at the Canning River site.	The Network coordinates the efforts of 15 organizations working cooperatively at 10 sites across the arctic to determine what limits the populations of high priority shorebird species.	\$69,933.68	\$70,000.00

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32767	Wildlife Conservation Society	Mitigating Subsistence By-catch of Yellow-billed Loons (AK)	North Slope and western Alaska. Lands managed/owned by Bureau of Land Management, U.S. Fish and Wildlife Service, National Park Service, State of Alaska, and Alaska Natives.	Reduce yellow-billed loon mortality in fishing nets of northern Alaska. Review literature, consult with scientific and indigenous experts, design appropriate tools, and provide education materials.	\$73,335.50	\$44,609.00
32829	Alaska Department of Fish and Game	Annual movements of dusky Canada geese nesting in Alaska	PTTs will be implanted in dusky Canada geese nesting on the Copper River Delta, AK. The Delta is part of the Chugach National Forest and was impacted by the 1964 earthquake.	Using satellite telemetry, we will track movements of dusky geese. Locations will be analyzed with respect to habitat use, harvest vulnerability and likelihood of exchange among sub-populations	\$62,700.00	\$20,914.00
32868	Prince William Sound Science and Technology Institute	Black Turnstone: A Population Decline or PWS Stopover Shift?	Coastal Alaska with emphasis on stopover sites in Prince William Sound & northern Aleutian Basin. Breeding grounds fieldwork in coastal habitats of the Yukon-Kuskokwim Delta	Identify Black Turnstone stopover areas in Prince William Sound. Repeat 1978 survey of Yukon-Kuskokwim Delta to obtain new population estimate and determine impacts of climate-driven change.	\$75,000.00	\$75,000.00
32945	U.S. Fish and Wildlife Service	Steller's and Spectacled Eider Conservation (AK) V	Barrow area, Alaska (North Slope Borough), Bristol Bay area, Alaska (North Aleutian Basin)	This project seeks to conserve Steller's and spectacled eiders through research, monitoring, and outreach. The data collected supports recovery by developing and evaluating management strategies.	\$75,000.00	\$37,500.00
32742	Ecotrust	Impacts of Climate Change on Chinook Habitat Suitability	Copper River watershed, south-central Alaska	Using down-scaled climate models of future hydrologic, precipitation, and glacial changes we are predicting impacts to productive salmon habitat throughout the Copper River watershed in Alaska.	\$45,160.00	\$137,215.00
32907	USDA Forest Service	Vulnerability of Watersheds in Prince William Sound	We will examine streams throughout PWS and will represent the range of geologic and geomorphic conditions found there.	This project will determine the vulnerability of watersheds in Prince William Sound to climate change based on flow regimes, potential changes in temperatures, and the live history diversity of fish.	\$100,000.00	\$100,000.00
32973	North Dakota State University	Thermal control of insect emergence in arctic tundra ponds	Field experiments and insect monitoring in tundra ponds at Barrow AK will be supplemented with lab tests, plus data collected by USFWS & ASDN shorebird and waterfowl researchers at other arctic sites	Data from ponds at Barrow, AK show changes in insect emergence linked to climate change. We'll test thermal controls over timing of this seasonal event providing crucial prey for tundra-nesting birds	\$92,212.00	\$92,256.00
32976	USDA Forest Service	Linking Structure to Function in Alaska Coastal Wetlands	Copper River Delta wetland complex in southcentral Alaska	A comprehensive framework will be developed for Copper River Delta coastal wetlands that integrates structural and functional wetland metrics for use in assessing the effects of climate change.	\$100,000.00	\$100,000.00
32717	Kenai Watershed Forum	Stream Watch: Education and habitat restoration volunteers	The Kenai Peninsula holds some of the most visited river sites in the state of Alaska. Stream Watch will be at sites that need a conservation presence including the Kasilof, Kenai and Russian Rivers.	Stream Watch trains volunteers to provide peer-to-peer salmon habitat stewardship education to river users and complete habitat restoration/protection projects on the Kenai Peninsula.	\$37,038.38	\$45,758.00
32886	Institute for Seabird Research and Conservation	Middleton Island seabird research and monitoring	Middleton Island Marine Biological Station, Middleton Island, north-central Gulf of Alaska	Project maintains continuity in the longest-running time series of seabird monitoring in Alaska and research on seabird nutritional ecology, life-history regulation, and prey (forage fish) dynamics.	\$38,000.00	\$161,720.00

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32871	U.S. Fish and Wildlife Service - Kodiak National Wildlife Refuge	Nesting Ecology of Kittlitz's Murrelet on Kodiak Refuge, AK	Southwestern Kodiak Island, Kodiak National Wildlife Refuge, Kodiak Island Borough, Alaska.	Matching funds will be used to support a multi-year study of nesting ecology and reproductive performance of Kittlitz's murrelet, a candidate for federal listing under the Endangered Species Act.	\$94,750.00	\$102,624.00
32763	Island Conservation	Invasive rat impacts on island ecosystems in the Aleutians	Rat Island is in the central Aleutian Islands and is part of the Alaska Maritime National Wildlife Refuge.	To inform future land management decisions on islands in Alaska we will conduct ecosystem monitoring on Rat Island, Alaska five-years post rat eradication.	\$99,450.00	\$100,000.00
TOTAL				22 Grants	\$1,539,391.16	\$1,487,646.00