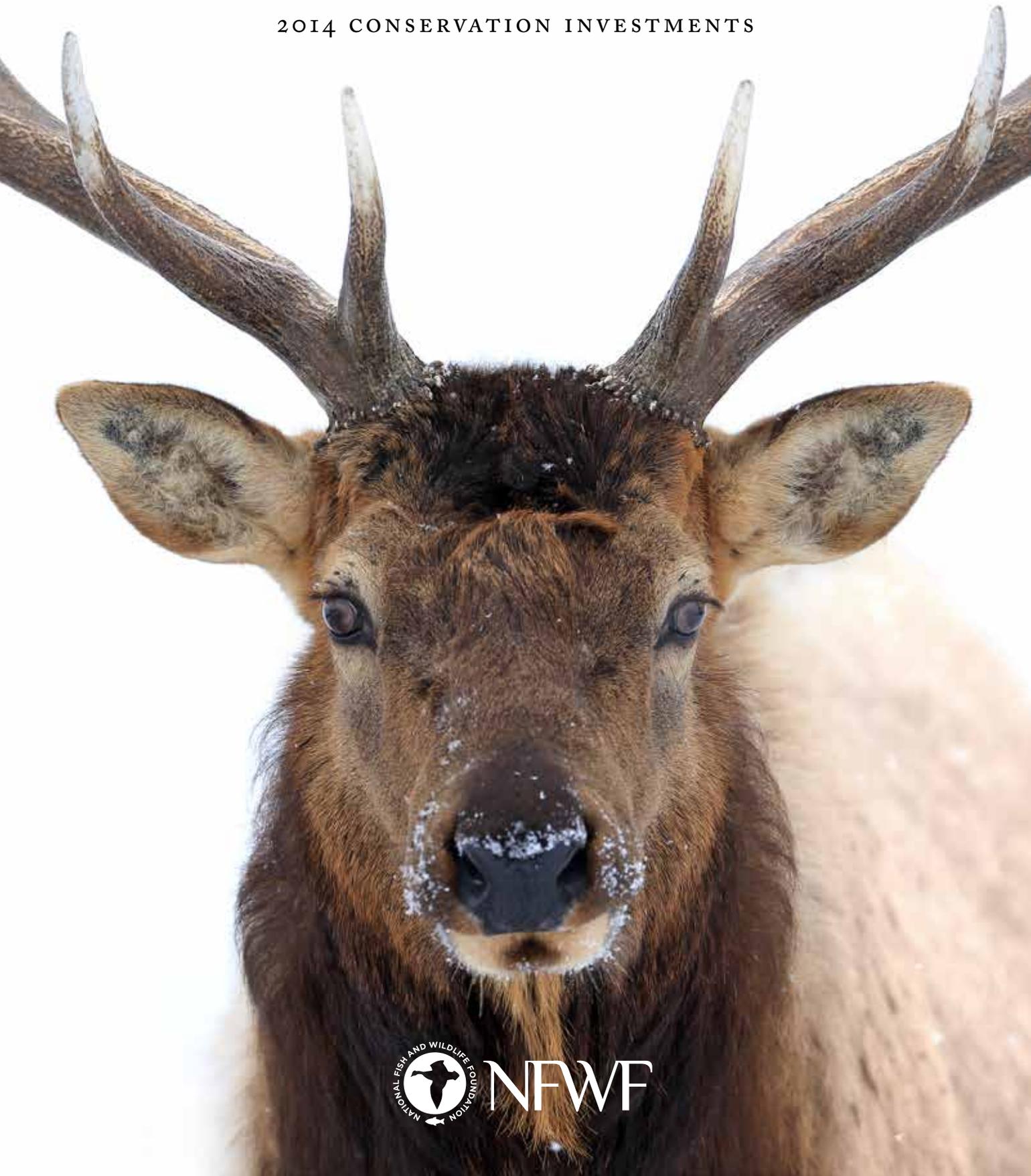


NATIONAL FISH AND WILDLIFE FOUNDATION

2014 CONSERVATION INVESTMENTS



NFWF



The National Fish and Wildlife Foundation works to protect and restore the health of ecosystems so our native species can thrive.

Since our founding in 1984, we've become one of the largest conservation funders in the world. We bring public and private partners together to support science-based projects and community-driven solutions.

In Fiscal Year 2014, NFWF funded more than 800 conservation projects across the nation, generating an on-the-ground conservation impact of more than \$668 million.

UNITED STATES

ALABAMA

Alabama Wildlife Federation

Native Warm Season Grass Establishment and Capacity Building — II

Increase grassland habitat in Alabama by breaking down the barriers to grassland habitat creation through demonstration sites, expanded partnerships and educational materials.

\$105,360

American Bird Conservancy

Beach-Nesting Bird Conservation in the Gulf of Mexico (AL, FL, LA, TX) — III

Protect vulnerable solitary and colonial beach and island-nesting birds such as Wilson's and snowy plovers, least terns and black skimmers from human disturbance. This project will implement protective measures such as signage, symbolic fencing and educational outreach with help from local partners and volunteers.

\$165,000

American Forest Foundation

Shortleaf Pine Restoration in the Alabama Cumberlands

Complete a landowner marketing campaign informed by current techniques and consumer and attitudinal behaviors to engage private landowners in the restoration and enhancement of shortleaf pine. Partners will work with landowners to restore over 1,000 acres of shortleaf pine, enhance over 2,500 acres of shortleaf habitat, and engage 600 private landowners through technical assistance.

\$243,378

Auburn University

Mill Creek Urban Stream and Outdoor Classroom Restoration

Restore 400 linear feet of an urban stream in Phenix City. Activities will incorporate water quality education into local curricula to use with a renovated outdoor classroom.

\$39,988

Birmingham-Southern College

Restoration at Village Creek Through the EcoScape Program

Establish a riparian restoration and education program at one of the most damaged locations of Village Creek by establishing a .30-acre bioswale/EcoScape park. This project will restore conditions for species diversity and overall habitat health in Village Creek.

\$28,750

City of Montgomery

Genetta Watershed Restoration and Community Education

Plan trees and remove invasive species at Genetta Park and educate local students and residents on water quality and community roles. Project will plant 15 trees and remove invasive species and debris on 2.5 acres in a park wetland.

\$29,450

Dauphin Island Park & Beach Board

Dauphin Island Audubon Bird Sanctuary Restoration

Restore and properly manage 133 acres of globally important birding habitat on Dauphin Island by implementing a comprehensive prescribed burn regiment.

\$56,275

Environmental Defense Fund, Inc.

Evaluating a Catch Shares Pilot of Gulf of Mexico Headboats (AL, FL, TX)

Evaluate performance of catch shares pilot program for Gulf of Mexico headboats. Project will assess the economic and conservation performance of a catch shares pilot program. If the data and analysis show the headboat pilot to be successful, this project could lead to the implementation of first large-scale recreational catch shares management in the Gulf of Mexico.

\$100,000

Freshwater Land Trust

Habitat Enhancement for the Watercress Darter

Enhance habitat for the watercress darter at Roebuck Springs and educate a large audience on the importance of Alabama's endangered species. This project will also remove part of an impervious parking lot and replace that area with bioswales, which will help control stormwater runoff and increase available habitat for the watercress darter.

\$30,000

Institute for Marine Mammal Studies

Stranding Response and Necropsies for Marine Mammals in Gulf of Mexico (AL, LA, MS)

Respond to, conduct necropsies on and collect tissues from stranded marine mammals in the Mississippi Sound and adjacent waters. Project will provide coverage for the Marine Mammal Stranding Network in the northern Gulf of Mexico.

\$379,670

Marine Environmental Sciences

Consortium / Dauphin Island Sea Lab

Alabama Marine Mammal Stranding Network Build capacity for the Marine Mammal Stranding Network in Alabama. Project will respond to marine mammal strandings and out-of-habitat animals reported.

\$94,400

Micah Brodsky, V.M.D. Consulting

Northern Gulf of Mexico Unusual Mortality Event Veterinary Assistance (AL, FL, LA, MS)

Build capacity for the Marine Mammal Stranding Network in the Northern Gulf of Mexico. Project will provide technical expertise, respond to live and dead stranded marine mammals and necropsy dead stranded animals to determine cause of death.

\$84,766

National Wildlife Federation

Alabama Longleaf Pine Restoration on Private Lands — III

Implement a proven model of active landowner outreach, education and technical assistance to restore 4,000 new acres of longleaf pine and impact an additional 20,000 acres of longleaf pine.

\$125,000

Texas A&M University

Reducing Incidental Capture of Loggerhead Sea Turtles in Gulf of Mexico Trawl Fisheries (AL, FL, TX)

Reduce incidental capture of loggerhead sea turtles in the Gulf of Mexico. Project will certify turtle excluder device training for vessels and reduce turtle capture from incidental shrimp trawl captures.

\$99,103

The Longleaf Alliance, Inc.

Longleaf Growth and Yield Model Initial Data Collection

Evaluate longleaf growth and yield models, and develop recommendations on how they can be improved. Project will also begin collecting data that is determined to be missing from current models.

\$28,750

The Longleaf Alliance, Inc.

Longleaf Landowner Outreach and Technical Expert Database

Develop the first database of individuals working to advance longleaf pine restoration and management on private lands across the range of longleaf pine.

\$26,950

The Longleaf Alliance, Inc.

Partnering to Restore Longleaf in the Gulf Coastal Plain Ecosystem Partnership Landscape (AL, FL)

Advance restoration and management to assist in recovering longleaf pine through partner projects in the Gulf Coastal Plain Ecosystem Partnership. Partners will complete 26,500 acres of prescribed fire, 500 acres of invasive species control, 1,500 acres of mid-story treatments and 447 acres of longleaf pine restoration on Blackwater River State Forest.

\$267,000

The Nature Conservancy

Talladega-Mountain Longleaf Pine Conservation Partnership (AL, GA)

Support on-the-ground restoration on state and private lands including the establishment of longleaf on 200 acres of private lands and 300 acres of the Coosa Wildlife Management Area, which serves as key habitat for the red-cockaded woodpecker. Project will enhance over 8,100 acres of longleaf through prescribed fire and other management practices, with additional funding used to provide fire crew assistance.

\$280,000

ALASKA

Alaska Department of Fish and Game

Statewide Coordination and Implementation of the National Fish Habitat Action Plan
Work with the U.S. Fish and Wildlife Service on the development, coordination and implementation of the National Fish Habitat Action Plan in Alaska. Project will include landscape analysis and flow efforts to fill data gaps for anadromous fish catalog.
\$125,000

Alaska Longline Fishermen's Association

Electronic Monitoring Transition in Alaska Fixed Gear Fisheries
Transition electronic monitoring of estimate catch in Alaska's fixed gear fisheries fleets from a pilot phase to an integrated at-sea monitoring program by creating a structured, collaborative process that serves as a model exportable to improve fisheries management across the national.
\$30,000

Alaska Longline Fishermen's Association

Transitioning Electronic Monitoring from Pilot to Integrated Component of Management
Construct a structured, transparent process involving stakeholder collaboration to transition electronic monitoring in Alaska's fixed gear fleets. Project will incorporate key elements for success identified in other related programs and create a model exportable to fisheries around the nation to improve fisheries management and conservation through this cost-effective, at-sea catch accounting.
\$135,000

Alaska Pacific University

Growing Alaska's Farmers
Build a framework for growing Alaskan farmers to diversify economic opportunities and diversify food sources. Project will create educational infrastructure at Spring Creek Farm, then develop an innovative farm training curriculum.
\$50,000

Alaska Sustainable Fisheries Trust

Local Fish Fund Inter-Generational Transfer
Develop and deploy viable processes for inter-generational transfer of fishery rights and best practices in Alaska. Project will use existing legal and financial mechanisms in a novel way to achieve the goal of increased retention of economic benefits from fisheries in Gulf of Alaska communities.
\$135,000

Alaska Zoo, Inc.

Polar Bear Transition Center
Provide a dedicated facility for the care of orphaned polar bears transitioning into captivity. Project will enhance conservation, research and educational opportunities.
\$50,000

Anchorage Park Foundation

Anchorage Greenbelt Restoration
Restore greenbelt riparian areas based on Anchorage watershed management plans. Project partners will engage 125 volunteers to connect the trails to restored riparian areas at University Lake, Valley of the Moon Park and Westchester Lagoon areas in conjunction with the Youth Employment in Parks program.
\$25,000

Bering Sea Fishermen's Association

Western Alaska Salmon Preliminary Risk Assessment
Review and assess the status of salmon stocks in western Alaska and explore strategies for rebuilding the stocks and improving sustainability.
\$24,584

Bureau of Land Management

Scenario Planning: Resource Development in the U.S. Arctic
Use scenario planning to systematically assess a range of energy and resource development scenarios and their implications for the North Slope of Alaska and adjacent seas through 2040. Project will contribute to our mutual understanding of the potential future state of the social-ecological systems of the North Slope and adjacent seas, and contribute to the refinement of specific research and monitoring priorities.
\$100,000

Bureau of Land Management

Youth on the Land: Alaska Summer Interns
Hire 10 local young adults, and one local Student Conservation Association intern to participate in meaningful hands-on projects that will increase their skills and their knowledge of a variety of natural resource management and environmental education-related careers. Project will have youth interns complete a minimum of 80 hours during the summer working to help enhance and maintain the Campbell Tract, a 730-acre parcel of public land managed by the Bureau of Land Management in Anchorage that includes creeks, forests and a network of recreational trails.
\$15,000

Environment for the Americas

Celebrate Shorebirds:
Celebra las Aves Playeras
Expand paid internships to eight Latino youths and partner with U.S. Fish and Wildlife Service, Bureau of Land Management, and U.S. Forest Service sites in four states to provide training and research. Interns will receive conservation education and training in shorebird identification, mentoring from natural resource professionals and be exposed to research and education techniques.
\$81,914

Kenai National Wildlife Refuge

Eradication of Elodea from the Kenai Peninsula
Eradicate elodea from the Kenai Peninsula. Project will prevent the reintroduction of elodea through targeted public outreach and prevent potential reestablishment of elodea by implementing Early Detection/Rapid Response methods.
\$39,985

LGL Alaska Research Associates, Inc.

Eulachon and Beluga Whales: Indicators of Ecosystem Health
Examine the role of eulachon fish and beluga whales as indicators of Cook Inlet ecosystem health. Project will collect and summarize data, identify information gaps and develop a model of the relationships in a healthy Cook Inlet ecosystem that contribute to a viable beluga whale population.
\$150,000

Manomet Center for Conservation Sciences

Arctic Shorebird Demographics Network
Coordinate the efforts of 15 organizations working cooperatively at 16 sites across the Arctic to determine what limits the populations of high-priority shorebird species. Project will increase the ability to target our hemispheric conservation activity at the life history stage that is actually limiting the populations of these species, rather than guessing where conservation funds can best be spent.
\$69,233

Southeast Alaska Guidance Association

Ibeck Creek and Eyak River Watershed Stewardship
Recruit Alaskan youth through the Alaska Service Corps Program and work with partners to provide the youth with on-the-job mentoring and job skills development. A crew of seven AmeriCorps members will work for four weeks on projects that include mitigating human use impacts along a major Coho spawning stream by reducing trails and stream crossings, revegetating stream banks, redeveloping a historic recreational trail by installing boardwalk sections, and removing invasive reed canary grass in order to reestablish native plants and improve soil conditions.
\$18,601

U.S. Fish and Wildlife Service

Effects of a Changing Climate on Wetlands, Invertebrates and Shorebirds
Determine how a changing climate will affect invertebrates and subsequently induce a trophic mismatch that will affect growth and survival of shorebird young. Project will inform management decisions about factors that may predispose shorebird species to be more or less tolerant of changes in the climate.
\$71,995

U.S. Fish and Wildlife Service**Applied Research on Polar Bears in the Chukchi Sea**

Live-capture and release polar bears on the sea ice of the Chukchi Sea. Project will uncover findings that are critical to management in relation to development, human-bear interactions, and a changing climate.
\$103,655

U.S. Fish and Wildlife Service —**Alaska Maritime National Wildlife Refuge****Emergency Response to House Mice Introduction on St. George Island**

Eradicate recently introduced house mice from St. George Island in the Pribilof Islands, Alaska. Project will help eliminate a variety of threats that house mice could have on populations of native species.
\$9,848

U.S. Fish and Wildlife Service — Region 7**Genetics-Based Mark-Recapture of Pacific Walrus**

Conduct a genetics-based capture-mark-recapture project for Pacific walrus in order to estimate abundance and demographics rates. Project will generate preliminary estimates of survival, movement probabilities and site fidelity, all of which will benefit future monitoring and management of the population in a changing environment.
\$100,000

ARIZONA**American Conservation Experience****Agua Fria National Monument Habitat Monitoring**

Conduct wildlife, vegetation and riparian habitat monitoring, surveys and inventory of rangeland and wilderness areas on the Agua Fria National Monument and along the Agua Fria River on Arizona public land. Project will provide meaningful professional experiences for youth while also providing a benefit to public land resources and users.
\$15,000

Arizona Game and Fish Department**Apache Trout Restoration — IV**

Remove non-native brown trout and brook trout to increase native Apache trout populations. Project will continue barrier maintenance and monitoring in several locations to ensure that non-native trout are not competing with or hybridizing with native Apache trout.
\$200,000

Bureau of Land Management**Gila Watershed Youth Employment in Conservation**

Hire a recent college graduate with a resource management background to help develop and integrate Bureau of Land Management and Arizona Gila Watershed Partnership

programs which will engage local high school and college students, Southwest Conservation Corps members and community volunteers in conservation and stewardship projects.
\$74,800

Bureau of Land Management —**Arizona State Office****Bureau of Land Management Phoenix District Youth Initiative (AZ, CA)**

Engage local, underserved youth in natural resource conservation and restoration through a 16-week training and education program. This award-winning youth conservation program connects urban youth with public lands in formal environmental career training and employs youth who complete actual target allocations that preserve America's natural and cultural heritage.
\$75,000

Bureau of Land Management —**Safford Field Office****Youth Riparian Studies and Habitat Restoration**

Hire 16 youth and engage interns through the summer and school year to build science, technology, engineering and mathematics skills by collecting water quality data, conducting plant community characterizations, assessing springs and engaging in surveillance for rare plant and animal species.
\$74,420

City of Phoenix**Greening Wilson Elementary School District**

Construct 600 feet of engineered desert riparian habitat in a low-income Phoenix neighborhood that will serve to build the capacity of students and residents to sustain healthy urban ecosystems. Project will educate residents about the importance of this riparian habitat and provide them with the knowledge and tools to reintegrate desert riparian habitats back into their neighborhoods.
\$30,000

Conservation Legacy**Historic Railroad Trail and Camp Davis Trail (AZ, NV)**

Expand the existing Colorado River Heritage Greenway Park and Trails from Davis Dam across the Colorado River to Laughlin, Arizona. Project will employ a crew of six corps members and two crew leaders to construct and mark trail, install signage, improve walkways and manage vegetation.
\$49,600

Conservation Legacy**Navajo High School Crew (AZ, NM)**

Lead a high school crew in completion of conservation projects on the Navajo Nation. Project will complete stream bank stabilization/restoration, trail maintenance, and wildlife fence repair and construction.
\$25,000

Cuenca Los Ojos Foundation Trust**Producing Low-Cost Plant Material for Grassland Restoration**

Contribute to habitat restoration, while also removing limiting factors to large-scale restoration throughout the region. Project will establish and/or enhance production of native seed and hay on former agricultural fields, which will greatly reduce long-term costs of restoration activities at priority conservation sites.
\$119,350

Friends of Verde River Greenway**Verde River Habitat Improvement**

Train and educate underserved local young adults to do watershed restoration on the Upper Verde River on land managed by the Prescott National Forest. Project will engage a crew of six corps members and two crew leaders for 2,240 hours of conservation service over seven weeks.
\$49,766

The Nature Conservancy**Arizona Forest Restoration**

Work with partners, contractors and local community colleges to restore ponderosa pine forest ecosystems. Project will provide workforce training to create jobs and improve business practices in northern Arizona's forest-based economy.
\$25,000

U.S. Fish and Wildlife Service —**Arizona Fisheries Resources Office****Apache Trout Population Recovery**

Remove non-native brown trout and brook trout on the White Mountain Apache Tribe Reservation lands and surrounding watershed in Arizona to increase the native, genetically pure Apache trout populations. Project will conduct fish barrier monitoring, removal of non-native fishes from recovery streams and population monitoring to have an up-to-date population status that can be used to determine if a delisting package should be developed.
\$100,000

University of Arizona Board of Regents**Making Space for Monarchs and Students in Phoenix**

Restore monarch butterfly habitat along the riparian corridor, providing students with the opportunity to make a difference in their community and environment. Project will provide 1,320 students with the opportunity to participate in the Water Investigations Program, a year-long study of water that includes three units of study: water resources and supply, water use and water in the environment.
\$29,209

ARKANSAS

The Nature Conservancy

Kings River Nature Preserve Conservation
Purchase 608-acre tract of significant segments of the Kings River. Acquisition will add over 2 miles of river and riparian corridor to the Kings River Nature Preserve, a 4,585-acre preserve that is Arkansas' longest privately owned stretch of river corridor open to the public.
\$550,000

CALIFORNIA

Alliance for Climate Education, Inc.

Climate Education and Youth Leadership Development
Provide climate science and environmental education for high school youth in the Bay Area. Project will also provide leadership opportunities for youth to facilitate climate solutions in their schools and communities.
\$25,000

American Conservation Experience

Greys Mountain Meadow Restoration Initiative
Recruit and train eight youths to restore montane wet meadows in partnership with Sierra National Forest and Yosemite/Sequoia Resource Conservation and Development Council. Activities will target the most critical needs for repairing and stabilizing meadows, including the construction of rock step-pool or log-fabric step-falls structures at headcuts in eroded streams and living willow revegetations and/or brush mattresses along unstable channel banks.
\$25,000

American Conservation Experience

Youth Involvement in Condor Recovery
Recover California condors and their habitat on public and private lands through youth stewardship, education and training projects. Project activities and training will include radio tracking condors, habitat restoration (such as microtrash collection, native seed collection, seeding and invasive plant control), outreach through public speaking and presentations, video and web design for nature interpretation and mentoring other students through K-12 school programs.
\$74,891

American Rivers, Inc.

Lahontan Cutthroat Trout and Meadow Restoration
Restore meadows in the Carson and Truckee watershed. Project will assess approximately 50 meadows over both watersheds and prioritize them for restoration and establish baseline aquatic habitat, species and ecosystem conditions.
\$683,587

American Rivers, Inc.

Meadow Restoration Through Indigenous Fire Management
Restore six priority meadow sites using indigenous fire management as a restoration tool, and design and implement a monitoring program that will determine the impact of this restoration on a range of ecological parameters and individual species. Project will contribute to the testing of new techniques for restoration, coordination with Native American communities and the conservation of meadows that are integral to the health of priority species.
\$94,286

American Rivers, Inc.

Prioritizing Meadow Restoration for Eagle Lake Rainbow Trout
Evaluate and prioritize all meadows in the Pine Creek watershed, improve Eagle Lake rainbow trout habitat and accelerate the pace of meadow restoration in Pine Creek. Restoration/enhancement alternatives for meadows in the watershed will be built from a sound geomorphic assessment and the most effective management techniques will be incorporated into restoration and enhancement plans.
\$82,214

Audubon California

Conservation of Aechmophorus Grebe Colonies at Four Northern California Lakes — III
Conduct outreach and monitor Aechmophorus grebe colonies at four of the five top breeding lakes in northern California and reduce loss of species at these sites by building public awareness and support, reducing human disturbance and monitoring nests and productivity.
\$93,886

Briana Goodwin

Contractor for Marine Debris Action Coordination Team's West Coast Database (CA, OR, WA)
Provide administrative support to the Marine Debris Action Coordination Team's West Coast Marine Debris Database. The contractor will ensure active engagement and coordination, and will help to accomplish the team's work plan.
\$17,500

Bureau of Land Management — Arizona State Office

Bureau of Land Management Phoenix District Youth Initiative (AZ, CA)
Engage local, underserved youth in natural resource conservation and restoration through a 16-week training and education program. This award-winning youth conservation program connects urban youth with public lands in formal environmental career training and employs youth who complete actual target allocations that preserve America's natural and cultural heritage.
\$75,000

California Conservation Corps

Engaging Youth as Watershed Stewards
Partner with federal, state, county, tribal and non-profit organizations to revitalize public lands in priority watersheds throughout California. Project will hire 22 youths to address watershed and fish habitat restoration needs.
\$99,988

California Conservation Corps

Improving Point Arena-Stornetta Public Lands
Improve the Point Arena-Stornetta public lands by constructing a pass-through along a fence near Mendocino College, repairing or replacing an existing fence at the Miner's Hole road pass-through, and installing a California Coastal National Monument sign at the Point Arena City Hall. Project will also repair a fence at the Point Arena Lighthouse, continue with the replacement on the Lighthouse Road fence, and replace four gates.
\$15,000

California Conservation Corps

San Joaquin River Partnership
Place two AmeriCorps members at the San Joaquin River Partnership on behalf of the California Conservation Corp's Watershed Stewards Program. Project will include watershed recovery and protection, education and outreach, volunteer recruitment and member development.
\$30,000

California Institute of Environmental Studies

Post-Rat Eradication Monitoring of Scripps's Murrelet on Anacapa Island
Assess population change in Scripps's murrelet on Anacapa Island since black rat eradication in 2002. Project will compare trends derived from spotlight surveys and nest monitoring in 2001-2003 with those derived in 2014 to develop the best assessment of population change.
\$79,835

California Institute of Environmental Studies

Scripps's Murrelet Monitoring on Anacapa Island — II
Document nesting effort, hatching success and rates of depredation for murrelet nests monitored prior to and following the eradication of rats from Anacapa Island. Project will also observe the recolonization of nesting habitats that had been inaccessible to murrelets because of the presence of rats.
\$73,453

California Trout, Inc.

Restoring Meadow Fisheries in the Golden Trout Wilderness
Work with partners to develop a collaborative model for meadow restoration. Project will complete prioritized restoration of five meadows to benefit approximately 2,500 acres and approximately 25 miles of streams.
\$239,820

Center for Ecosystem Management and Restoration**Flow Improvement in the Russian River Watershed— II**

Advance effort to recover a viable, self-sustaining population of coho salmon in the Russian River watershed. Project will restore a more natural seasonal flow regime in five priority watersheds, increase the viability of juvenile coho and numbers of returning adult coho and increase water supply reliability for water users.

\$500,000

Center for Ecosystem Management and Restoration**San Francisco Bay Steelhead Trout Strategy**

Draft a steelhead restoration strategy designed to be a component of a larger business plan for NFWF's San Francisco Bay Estuary Conservation Fund. Project will develop 10-year goals for steelhead restoration and identify priority or "essential streams" for restoration within the greater bay area and the critical actions needed to address ecological deficiencies and threats within these areas to meet the 10-year goals.

\$30,000

Central California Seafood Marketing Association**Securing and Expanding Collaborative Fishery Advancements**

Secure and expand collaborative fishery advancements in California. Project will create an efficient, viable, and more formalized organizational structure and develop and implement a collective operations plan and marketing plan.

\$135,000

Christine Petersen**Channel Islands Seabird Lessons**

Raise awareness and increase protection of seabirds on the Channel Islands. Project will help students and teachers better understand the value of Channel Islands seabirds and their habitats through an in-depth set of lessons on seabirds and seabird restoration projects.

\$17,580

City of Corona Department of Water and Power**Corona Library Conservation Garden and Education Strategies**

Support interactive education features in a new conservation garden located at a public library in California's Inland Empire. Project will save two million gallons of water annually.

\$40,000

City of Los Angeles**Cabrillo Beach Pier Fishing Program — III**

Continue the Cabrillo Beach Pier Fishing Program in the summer of 2014 by hosting 15 hands-on fishing sessions for 450 youths.

Project will raise awareness about safe fish consumption along the Los Angeles coastline and the impact of human activity on the Palos Verdes Shelf ecosystem.

\$14,990

Community Initiatives**Conserving and Restoring Sierra Valley Marsh**

Conserve four contiguous properties in the heart of the Sierra Valley marsh and restore wetland and wet meadow habitat for avian species of concern. Project will purchase 1,960 acres in fee and add them to the Maddalena Preserve, as well as secure conservation easements on 16,500 acres.

\$500,000

Conservation Metrics, Inc.**Passive Acoustic Sensor Surveys for Detecting Ashy Storm-Petrels on Anacapa Island — III**

Develop and provide field protocols and instructions for deploying passive acoustic sensors on Santa Cruz and Anacapa Island. Project will produce a report describing the presence/absence of ashy storm-petrel acoustic activity at survey sites, nightly/seasonal patterns of activity at occupied sites, and relative rates of acoustic activity among occupied sites.

\$15,233

CSUSB Philanthropic Foundation**Coastal Sage Scrub Conservation and Environmental Education**

Use a 68-acre reserve of undeveloped land in Chaparral habitat on perimeter of the campus of California State University, San Bernardino, for a one-year pilot education, instruction and research program. Students in grades 5-12 will engage in subsidized bus trips and tours of the "Land Lab," learning about habitat conservation and restoration.

\$50,000

Elsinore Valley Municipal Water District**Conservation and Education Through Demonstration Planter Boxes**

Educate over 6,400 students, teachers and customers on landscape water conservation and conserve over 7,000 gallons of water. This project will construct four demonstration planter boxes that highlight low-water irrigation systems and water-efficient plants.

\$36,805

Environment for the Americas**Celebrate Shorebirds: Celebra las Aves Playeras**

Expand paid internships to eight Latino youths and partner with U.S. Fish and Wildlife Service, Bureau of Land Management, and U.S. Forest Service sites in four states to provide training and research. Interns will receive conservation education and training in shorebird identification, mentoring from natural resource professionals and be exposed to research and education techniques.

\$81,914

Fathom Consulting**Incorporating Closed Areas into Catch Share Management (CA, OR, WA)**

Incorporate closed areas into catch share management of the West Coast groundfish fishery. Project will develop and advance a collaborative proposal to reconfigure the Trawl Rockfish Conservation Area as part of post-rationalization management for West Coast groundfish. Specific activities include guiding post-catch share efforts to balance the goals of rebuilding with those of accessing target stocks; inform how under-sampled but productive, high-relief rocky habitats are contributing to the rebuilding of constraining species; and inform bycatch avoidance plans of risk pools, fishing associations and individual fishermen.

\$85,000

Fishermen's Marketing**Association of Bodega Bay****Regional Community Fishing Association and Sustainability Planning**

Create two new Community Fishing Associations in Bodega Bay and Bolinas. Project will develop business, sustainability, and legal entity plans to drive regional economic, social and environmental sustainability. Project will result in a clear understanding of Bolinas and Bodega Bay as fishing communities and will empower them to create opportunities and strategies that successfully interact with the Pacific groundfish catch share program.

\$125,000

Fresno Metro Ministry**Fresno Farm Sustainability Education and Certification**

Develop and test an agricultural sustainability education and certification program for Fresno area farmers that are participating in Fresno Food Commons, an innovative localized food program. This program will offer assistance to six local growers in sustainable agricultural practices and improve sustainable agricultural practices on 85 acres of farmland.

\$100,000

Friends of Marsh Creek Watershed**Advancing Environmental Stewardship in Marsh Creek**

Improve stormwater management and promote green infrastructure practices in the region by engaging thousands of people in restoration and stewardship of Marsh Creek. This multi-faceted project includes green infrastructure planning, on-the-ground restoration and robust community and youth involvement in an important area of the bay-delta ecosystem.

\$40,000

Friends of the Los Angeles River**The Los Angeles River Rover Urban Wildlife Refuge Partnership**

Engage community members through school and public education programming and the Los Angeles River Rover, a mobile interactive educational center. This project will educate community members about the valuable resources that the river provides for wildlife and the opportunities for the public to recreate along its banks.

\$24,975

Golden Gate National Parks Conservancy**Muir Beach Stewardship and Community Engagement**

Build on a multi-year effort to remove barriers to natural floodplain function and engage a diverse range of community members to restore native habitat in the Redwood Creek Watershed at Muir Beach. Project will provide a valuable, hands-on environmental education experience, while also accomplishing critical habitat restoration tasks.

\$37,500

Great Basin Institute**Generation Green: Lake Tahoe Basin Management (CA, NV)**

Engage local youth in ecological conservation and leadership development. Project will teach students about conservation methods and related job opportunities through a variety of on-the-ground work.

\$36,370

Growing Solutions Restoration**Education Institute****Seabird Restoration on Santa Barbara Island in the Channel Islands**

Organize and execute two volunteer planting trips and provide technical assistance on restoration planning efforts. Project will advance seabird habitat restoration efforts on Santa Barbara Island in Channel Islands National Park.

\$16,969

Half Moon Bay Groundfish**Marketing Association****Revitalization of Historic Half Moon Bay Fishing Port**

Revitalize sustainable fishing through individual fishing quotas in Half Moon Bay. Project will support the development of plans to establish a cooperative fisherman-owned facility for buying, processing and offloading, as well as provide assistance in branding, marketing, and business planning. The goal of this project is to position the port of Half Moon Bay as a flagship for innovative, sustainable fishing, successful local fishery management and a groundbreaking, independent, fisherman-owned supply chain.

\$125,000

Institute for Wildlife Studies**2014 Raptor Monitoring on the Channel Islands**

Assess the status of the bald eagle and peregrine falcon on the Channel Islands by observing them at their nest sites during the nesting season. Project will determine nest site occupancy, nesting chronology, and reproductive success.

\$390,339

John Dutton Productions**Fishing Outreach and Kiosk Video Production**

Work with the Montrose Settlements Restoration Program to create educational videos about fish contamination and safe fishing practices for kiosks situated in aquaria and nature centers in Southern California.

\$29,346

Klamath Bird Observatory**Bird Banding Internships for Underserved Community Youth (CA, OR)**

Partner with the Bureau of Land Management, U.S. Forest Service, and U.S. Fish and Wildlife Service to expand an internship program and improve outreach to underserved communities, including Native American and Hispanic youths. Program expansion will create four six-month internship positions that will provide training and practical experience in bird monitoring techniques, with an emphasis on bird banding, foster an academic approach to learning and a well-rounded curriculum in field biology, and provide an opportunity to attain bird bander certification through the North American Banding Council.

\$60,804

Literacy for Environmental Justice**Candlestick Point Eco-Stewards****Yosemite Slough**

Advance land and water conservation, ecological health, environmental education and recreation through the engagement of community-based underserved youth. This project will result in additional long-term rehabilitation and stewardship of Yosemite Slough, the largest tidal restoration in San Francisco, integral to the water quality and livelihood of this highly developed urban watershed.

\$27,389

Los Angeles Audubon Society**Ballona Creek Watershed Restoration**

Restore acres of wetlands and coastal habitat. Project will provide hands-on learning with an environmental curriculum and student mentorship.

\$39,940

Los Angeles Conservation Corps**Los Angeles River Restoration**

Implement restoration strategies along and within the Los Angeles River as it flows through some of the most underserved communities in Los Angeles. Project will

allow River Corps members to develop important job skills, many of which will be applicable to conservation-based employment opportunities.

\$100,000

Marina Del Rey Anglers**Marina Del Rey Anglers Youth Fishing — III**

Host 28 fishing trips for 500 youths in the Santa Monica Bay. Project will educate youths and counselors about local fish contamination and safe fishing practices.

\$15,000

Mattole Restoration Council**Planting for the Future: Community Based Riparian Restoration**

Enhance a partnership between local watershed organizations, schools and agencies while providing extensive opportunities for community members of all ages to participate in local restoration activities. Project will include collecting 100 pounds of native seed, propagating 15,000 plants, planting installations, removing invasive plants and site monitoring.

\$29,900

Merced Community College District**Merced College, Los Banos Food Forest**

Establish a sustainable woodland ecosystem as a learning laboratory, while providing healthy organic produce to students and the surrounding community. The site will demonstrate environmental responsibility and sustainability by composting campus green waste, providing an organic food source for students and the community and establishing a living laboratory for conservation biology to be taught complementary to existing science and arts curricula.

\$50,000

NatureBridge**Environmental Education and Stewardship for Underserved Youth**

Offer diverse, underserved youth the opportunity to learn hands-on science through environmental education programs in the Golden Gate National Recreation Area. Project will include observing seals from the bluffs and studying the adaptations of tide pool creatures in an intertidal marine lab.

\$50,000

Point Reyes Bird Observatory dba**Point Blue Conservation Science****San Francisco Bay Clapper Rail Strategy**

Develop a business plan to sustain and increase populations of endangered California clapper rail in San Francisco Bay. Project will determine the magnitude of possible population growth within a 10-year period, analyze related research and evaluations needs, find gaps in data and research, and identify and prioritize management actions.

\$30,000

Regents of the University of California — Davis**Fishermen-Led Fishing Gear Recovery and Recycling**

Establish nodes of commercial fishing gear collection and derelict gear removal in North-Central California. Project will foster a fishermen-led derelict commercial crab gear recovery and recycling effort in north-central California through the California Lost Fishing Gear Recovery Project including partnership ports in the Fishing for Energy Program.
\$109,085

River Partners**Panorama Vista Preserve Riparian Habitat Restoration and Education — II**

Work with agencies, conservation groups and community groups to enhance and manage the Panorama Vista Preserve to serve local residents and to promote community education. Volunteers and partners will conduct targeted ecological restoration including weed control and the installation, irrigation and monitoring of native trees and shrubs.
\$30,000

River Partners

Rancho Breisgau Riparian Habitat Restoration
Restore 306 acres of riparian habitat on Rancho Breisgau, located at the confluence of the Battle Creek and the Sacramento River, 3 miles downstream of the Coleman National Fish Hatchery, the largest anadromous fish hatchery in the contiguous 48 states. Project will hire 10 California Conservation Corps youths to enhance floodplain habitat for salmonids, neotropical birds and other listed species.
\$74,999

San Francisco Conservation Corps**John King Community Garden Natural Resources**

Protect and restore a community-based public park, showcase innovative approaches to urban gardening and create seven landscape trainee positions. Project will build planter boxes, renovate the garden entrance and install innovative rainwater collector benches.
\$62,449

Santa Barbara Museum of Natural History

Bird Specimen Processing and Barn Owl Cave Excavations on Santa Barbara Island
Subsample, prepare and curate seabird and raptor specimens collected within Channel Islands National Park for later access and study by researchers. Project will also involve preliminary excavation in Barn Owl Cave on Santa Barbara Island to allow for better understanding of the history of the flora and fauna present on the island.
\$33,924

Save The Bay**San Francisco Bay Community-Based Restoration and Education**

Restore 16.68 acres of wetland habitat, engage 4,500 community volunteers, and educate 2,000 (800 low income) students with Save The Bay partners to ensure a cleaner and healthier San Francisco Bay. The increase in wetland habitat from this project will improve the ability of marshes to increase coastal resiliency, expand holding capacity during flood events, reintroduce and reestablish native plant species, control non-native and invasive plant species, and increase native plant biodiversity and higher quality Bay-wide tidal marsh habitat.
\$30,000

South Yuba River Citizens League**Loney Meadow Pilot Restoration**

Implement a full-scale restoration project in Loney Meadows, a wetland complex with a long history of mining, grazing and recreational uses. Project will eliminate the threat of gullies in Loney Meadows channels, reduce channel incision, improve floodplain connectivity and groundwater recharge and improve meadow vegetation.
\$201,141

Student Conservation Association**Golden Gate National Recreation Area**

Engage a local, community-based youth crew of two leaders and six high school students at a new unit of the Golden Gate National Recreation Area known as Rancho Corral de la Tierra. The crew will build a new stretch of trail and improve drainage structures to prevent erosion on other trails.
\$10,000

The Bay Institute Aquarium Foundation**Educating Visitors to Marine Mammal Haul-Out on the Impacts of Derelict Fishing Gear Impacts**

Provide outreach on the impacts of marine debris. Project will educate a minimum of 500,000 visitors to PIER 39's famous sea lions about the impacts derelict fishing gear and other marine debris have on marine mammals.
\$77,021

The Institute for Bird Populations**Effects of Meadow Restoration on Bird Species**

Continue effort to monitor the response of bird populations to Sierra Nevada meadows restoration by preserving initial post-restoration data for development of a long-term monitoring strategy. Project will monitor bird populations at seven restoration projects and paired reference sites, employ standardized bird monitoring and guidelines for restoration and increase support by demonstrating positive bird responses to restoration.
\$21,472

The Los Angeles Rod and Reel Club Foundation**Educating Youth About Safe Fishing**

Charter local fishing boats to take youth from organizations throughout Los Angeles County that work with disadvantaged youth and families. Project will educate youths about safe fishing practices and provide them with background information on contamination in the area.
\$10,000

The Marine Mammal Center**Emergency Response to Pinniped Patient Increase**

Build capacity for the Marine Mammal Stranding Network in California. Project will build capacity in personnel, supplies and vehicle operations to respond to the increased number of stranded pinnipeds being admitted to The Marine Mammal Center.
\$98,828

The Nature Conservancy**Lahontan Cutthroat Trout Recovery at Independence Lake**

Recover a self-sustaining population of the native Lahontan cutthroat trout in Independence Lake. Project will remove predatory non-native brook trout at Independence Lake, then monitor removal success and Lahontan cutthroat trout response.
\$180,000

The Nature Conservancy**Optimizing Restoration Investments in the Truckee Watershed (CA, NV)**

Prioritize headwater restoration and conservation investments in the Truckee Watershed. Project will couple stakeholder engagement with sophisticated watershed modeling, a Resource Investment Optimization System model, to develop recommendations for maximizing ecosystem service returns on investments and serve as a resource for coordination among the entities involved in watershed management.
\$249,090

The Trust for Public Land**Sardine Valley Ranch Acquisition**

Acquire and protect a 569-acre property within Sardine Valley. Project will protect approximately one third of an approximately 1,500-acre Sierra meadow complex through a conservation easement or fee interest.
\$250,000

Trout Unlimited, Inc.

Lahontan Cutthroat Trout Conservation (CA, NV, OR)

Provide support for a Lahontan Cutthroat Trout (LCT) Coordinator who hires, trains and supervises range-wide field crews, coordinates communication and collaboration among stakeholders in LCT recovery and works on public and private landowner outreach and education. Project will also support Nevada Department of Wildlife's Safe Harbors Biologist who is responsible for monitoring and oversight of private-lands agreements to enable LCT recovery projects on private lands.

\$450,288

Truckee Donner Land Trust

Acquisition and Protection of Coppins Meadow

Acquire and protect Coppins Meadow, a 153-acre mid-elevation wet meadow in the northern Sierra Nevada, which is part of a larger 17,000-acre conservation effort.

\$250,000

Truckee River Watershed Council

Dry Creek Tributary Restoration

Restore meadow function and improve water quality and habitat in one tributary to Dry Creek. Project will restore critical meadow habitat and degraded ephemeral stream reach and improve perennial stream reach.

\$160,490

Truckee River Watershed Council

Middle Martis Creek Wetlands Restoration

Address meadow and stream degradation in the Sierra Nevada. Project will restore flow to historic stream channels and wetlands, improving degraded meadows.

\$200,000

Truckee River Watershed Council

Perazzo Meadows Restoration Monitoring

Monitor hydrology of 325 acres of meadows previously restored. Project will quantify hydrologic benefits of restoration through the collection of flow and groundwater data.

\$155,864

U.S. Fish and Wildlife Service—**San Pablo Bay National Wildlife Refuge**

Invasive Plant Management and Competitive Native Restoration

Inventory and control invasive species within the San Francisco Bay Estuary. Project will conduct preventative weed control by restoring critical estuarine and terrestrial transition zones with competitive native plants.

\$25,000

U.S. National Park Service

Seabird Habitat Restoration on Santa Barbara Island

Provide long-term conservation benefits to multiple species, including Scripps's murrelet and Cassin's auklet, by restoring historically occupied seabird habitat on Santa Barbara Island. Project will restore 4.5 acres of seabird habitat at five different sites and plant 5,000 native plants.

\$200,000

University of California—Santa Cruz

Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.

\$99,982

Upper Salinas—Las Tablas**Resource Conservation District**

Centennial Creek Restoration

Partner with the City of Paso Robles, National Resources Conservation Service, One Cool Earth, and Terra Verde to restore the natural ecology of Centennial Creek, a tributary of the Upper Salinas River. This project will achieve awareness through a personalized, community-based social marketing campaign and teach low-impact design techniques to neighboring residents for successful, long-term stormwater maintenance in this densely populated urban area.

\$30,000

COLORADO**Chama Peak Land Alliance**

San Juan-Rio Grande Riparian Stewardship Program (CO, NM)

Hire a full-time stewardship coordinator to connect private landowners with technical and financial resources to increase conservation in riparian habitats in southern Colorado and northern New Mexico. Project will increase and improve habitat for southwestern willow flycatcher by offering technical assistance to 1,500 private landowners.

\$75,000

Colorado Youth Corps Association

Trail Maintenance in Western Colorado

Perform trail maintenance on single-track and pedestrian trails in the Bureau of Land Management's Grand Junction Field Office's district. Project will restore 0.5 miles of trail and engage 200 youth volunteers.

\$12,600

Colorado Youth Corps Association

Veterans Green Corps and Bureau of Land Management Quarry Trail

Lead an eight- to 10-member Veteran Green Corp crew in the construction of a new 8-mile trail system in the Stone Quarry. The crew will construct new tread, construct retaining walls, rock drains and rock-tread ramps to mitigate erosion and increase accessibility.

\$11,000

EnviroIssues

Facilitating the Federal Family Executive Leadership Sage-Grouse Meetings (CO, OR)

Facilitate Federal Family Executive Leadership Sage-Grouse meetings in Portland, Oregon and Denver, Colorado.

\$27,870

Environment for the Americas

Celebrate Shorebirds:

Celebra las Aves Playeras

Expand paid internships to eight Latino youths and partner with U.S. Fish and Wildlife Service, Bureau of Land Management, and U.S. Forest Service sites in four states to provide training and research. Interns will receive conservation education and training in shorebird identification, mentoring from natural resource professionals and be exposed to research and education techniques.

\$81,914

Environmental Learning for Kids

Community Greening and Restoration Initiative

Transform a degraded detention pond into a destination natural area with off-street connection to a national wildlife refuge. This project will educate the community about the sources, fate and threats to the water their communities depend on.

\$30,000

Four Corners School of Outdoor Education

Dolores River Restoration: Building on Youth Corps Success (CO, UT)

Hire two youth conservation corps crews to provide 20 weeks of on-the-ground support work for the Dolores River Restoration Partnership on 50 acres of remote wilderness in three locations. Project activities will include treating and removing invasive tamarisk and other non-native plants, and planting cottonwood and willow saplings and native grasses to prevent erosion along the Dolores River.

\$60,748

Garden Park Paleontology Society

Hogbacks Open Space Restoration

Partner with the Mile High Youth Corps of Colorado Springs to restore and enhance the Hogbacks Open Space area. Project will employ a crew of 8-12 youth to close off over 6 miles of user-created trails, enhance 5.5 miles of existing trails and create 2.5 miles of new trail to restore ecological function and provide outdoor recreational opportunities. \$73,742

Groundwork Denver, Inc.

Urban Youth Conservation Career Ladder

Provide 38 low-income urban youths with natural resource education, training and mentorship and hands-on restoration work experience on public lands. Project will help urban youths obtain careers in conservation. \$30,000

Rocky Mountain Field Institute, Inc.

Fountain Creek Watershed Fire Restoration Initiative

Complete fire restoration and flood mitigation work in both the Waldo Canyon fire scar and the Black Forest fire scar. Work will promote healthy ecosystem recovery and community involvement. \$30,000

Trout Unlimited, Inc.

Strategic Conservation of Upper Colorado River Native Fishes (CO, WY)

Implement five on-the-ground projects with benefits to native fishes of the upper Colorado River basin. Project will protect 250 miles, reconnect 100 miles and restore approximately 5 miles of native fish habitat. \$271,758

U.S. Fish and Wildlife Service

Shorebird Hunting Regulation in the Caribbean and South America (CA, VA)

Understand shorebird harvest policies, determine harvest sustainability and provide mitigation measures for shorebird hunting among the jurisdictions of the Caribbean Sea and northern South America. Project will affect policy changes that lead to a sustainable harvest of shorebirds in these countries. \$249,850

Uncompahgre/Com, Inc.

Dominquez-Escalante Landscape Restoration and Coordinated Weed Management Plan (CO)

Develop a coordinated weed management plan for the Dominquez-Escalante Natural Conservation Area and the Dominquez Wilderness. Project will include treatment, restoration and monitoring of invasive species on a 380,300-acre landscape. \$59,500

Wildlands Restoration Volunteers

Myrtle Spurge Eradication Cooperative Weed Management Area

Map and eradicate "A-listed" myrtle spurge from its epicenter in Northern Colorado. Project will include removal of myrtle spurge from over 800 distinct locations on county, state and private lands on or near Arapaho Roosevelt National Forest. \$74,242

CONNECTICUT

Citizens Campaign Fund for the Environment, Inc.

Don't Flush Your Drugs into Long Island Sound

Educate residents of Bridgeport, Connecticut about the negative environmental impact of flushing unused medications into Long Island Sound. Project will distribute 5,000 educational brochures, host a half-day educational conference, give presentations at three public high schools, and develop a social media campaign. \$10,000

Connecticut Fund for the Environment

Hyde Pond Fish Passage and Riparian Restoration

Open up 4.1 stream miles and restore 8 acres of riparian habitat along Whitford Brook in Old Mystic, Connecticut. Project will remove an existing fish pass and barrier, restore the natural channel and streambed, and engage 100 volunteers in project monitoring and planting of the riparian corridor. \$149,999

Connecticut River Museum

Invaders: They Come By Land, Sea and Air

Deliver education about invasive species degrading the Long Island Sound watershed to 14,000 people. Project will develop exhibit and discovery lab, prepare a special feature newsletter and videos, conduct hikes and paddles exploring native and invasive species, and hold an invasive species eradication day. \$57,216

Earthplace — The Nature Discovery Center, Inc.

Hands-on Student Water Quality Monitoring to Solve Pollution Problems

Deliver three hands-on environmental quality monitoring and education programs on rivers in the geography of Monroe, Darien and Ridgefield, Connecticut. Project will teach 35 high school students from 10 schools to conduct river, estuary, storm drain system, and fisheries monitoring programs using Environmental Protection Agency-approved protocols to detect pollution. \$34,149

Mill River Collaborative

Mill River Flood Mitigation and Habitat Corridor Extension

Change the hydraulic capacity of the tidal estuary to remove all private properties from 1% flood risk under existing permits and create a native riparian buffer in the new greenway flood plain. \$3,750,000

National Audubon Society, Inc.

Urban Oases in New Haven, Urban Wildlife Refuge Partnership

Provide habitat for migrating songbirds and improve watershed health while engaging the community in environmental learning, citizen science and stewardship. This project will educate students, their families, neighborhood groups, and the general public about the value of urban green spaces for watershed health and native wildlife, and demonstrate how to reduce pesticide use, create riparian buffer habitat and provide quality habitat for species of concern. \$39,888

National Audubon Society, Inc.

Creating Schoolyard Habitat for Native Birds

Create three new and eight enhanced schoolyard habitats at nine public schools to enhance upland habitat and serve as outdoor classrooms to raise awareness about Long Island Sound in Fairfield and New Haven counties, Connecticut. Project will create habitats, train 50 teachers, design and implement master plans, and establish an expanded network of schoolyard habitats. \$57,221

National Audubon Society, Inc.

Bird and Beach Stewardship by a Youth Conservation Corps

Deploy 10 students to encourage members of the public to share 63 acres of shoreline with beach-nesting birds at Pleasure Beach in Bridgeport, Connecticut. Project will train students to educate beachgoers and monitor nesting areas, and educate 35 staff from 10 municipalities about managing habitat areas. \$41,159

New Haven Urban Resources Initiative

Implementing Green Infrastructure to Manage Stormwater in New Haven

Install eight bioretention swales and a 1,000-square-foot rain garden treating 2,810,000 gallons of stormwater and providing 5 acres of habitat for birds, pollinators and other wildlife in a subwatershed of the West River in New Haven, Connecticut. Project will engage students, ex-offenders and community members in maintenance and monitoring of green infrastructure for water quality benefits and conducting community education workshops focused on increasing "green" practices at home. \$149,971

Northeast Organic Farming Association of Connecticut, Incorporated
Demonstrating Green Infrastructure to Manage Stormwater at Two Connecticut Colleges

Install green infrastructure projects to capture, store and treat 181,518 gallons of stormwater annually at Naugatuck Valley Community College in Waterbury and Three Rivers Community College in Norwich. Project will train students about green infrastructure and then engage student volunteers in installing rain gardens, a treatment meadow and rain barrels, while informing the public with signs and educational outreach.
\$51,307

Northeastern Regional Association of Coastal and Ocean Observing Systems
Improving Northeast Coast Storm-Related Data Interpretation and Accessibility

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.
\$520,000

Sea Research Foundation, Inc.
Eco Splash Event! Celebrating Long Island Sound

Conduct Eco Splash!, a weeklong environmental awareness event in Mystic, Connecticut, focused on the Long Island Sound and its natural resources. Project will organize and host the event for up to 30,000 residents, provide exhibit stations about Long Island Sound, and promote hands-on engagement in on-the-ground stewardship activities.
\$8,982

Sea Research Foundation, Inc.
Toolkit for Education on Marine Debris for Sustainable Oceans — II

Provide outreach on marine debris issues in fishing port communities. Project will build upon a previously funded project to tailor, replicate and export key marine debris activities and resources to best fit public outreach efforts in port communities nationwide.
\$35,542

Sea Research Foundation, Inc.
Wetland and Coastal Grassland Restoration at Dodge Paddock and Beal Reserve

Restore 1-acre freshwater wetland and saltmarsh and .6 acres of dune/grassland at Dodge Paddock and Beal Preserve in Stonington, Connecticut. Project will remove invasive vegetation, replant with native plants, conduct monitoring, create a management plan, and conduct community education and stewardship.
\$45,316

Solar Youth, Inc.
Long Island Sound Environmental Leaders in Training

Solar Youth will deliver a Long Island Sound-themed program called Leaders-in-Training for 10 7th- and 8th-graders focused on preserving and protecting the sound in New Haven, Connecticut. Project will teach science concepts and environmental issues, provide leadership training and implement service learning projects in three neighborhoods.
\$57,222

South Central Regional Council of Governments

Creating a Regional Framework for Coastal Resilience in Southern Connecticut
Establish a regional framework for coastal resilience for 10 municipalities that run along the entire central coast of Connecticut. Project will integrate green infrastructure principles, prioritize projects, and contribute to a regional coastal resiliency plan.
\$700,000

State of Connecticut

Removal of Springborn Dam
Remove a hazardous, unused 26-foot-high dam that is blocking diadromous fish runs, fragmenting brook trout populations and holding back contaminated sediments.
\$2,800,000

The Nature Conservancy

Ed Bills Fish Passage and Floodplain Restoration
Open up 8.3 river miles, restore 6 acres of floodplain and wetlands and one-half mile of riparian habitat along the East Branch of the Eightmile River. Project will remove a barrier, restore a natural channel, construct riffles for fish, and seed and plant floodplain habitat with native trees and shrubs.
\$150,000

The Trust for Public Land

Preserving the Last Coastal Forest
Acquire 1,000 acres of the largest unprotected coastal forest between the Stewart B. McKinney National Wildlife Refuge and the mouth of the Connecticut River, America's first designated Blueway. The project's 1,000-acre property encompasses three watersheds, 114 acres of wetlands, 3,100 linear feet of watercourses, a 30-acre scrub-shrub swamp and 38 highly productive vernal pools. This land acquisition will support habitat for river herring, 25 species of amphibians and reptiles, 30 species of mammals and 57 species of birds.
\$250,000

Town of East Lyme

Long Island Sound Stormwater/ Environmental Outdoor Classroom
Offer educational field trips for 200 third-graders in 10 classes about methods to treat and reduce stormwater flow into Long Island Sound. Project will rotate students

through five stations focusing on stormwater, plants/soils, shoreline species/habitat, a coastal stormwater model, and recycling, complementing other school science units.
\$4,546

University of California — Santa Cruz
Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)
Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.
\$99,982

University of Maryland Center for Environmental Science
Building the Long Island Sound Report Card (CT, NY)

Build capacity to sustain ecosystem health report cards in the Long Island Sound watershed in New York and Connecticut. Project will expand capacity of local groups in science communication, data integration, and report card development to create a template for executing a strategic communications strategy.
\$99,156

Wildlife Management Institute
Northeast Forests Conservation for Declining Species (CT, MA, ME, NH, NY, RI, VT)
Support several highly experienced habitat biologists to deliver technical assistance in high-priority areas to benefit New England cottontail, golden-winged warbler, and American woodcock. Project will support coordination of research efforts, field test study design, sample analysis and increasing early successional habitat.
\$250,000

Wildlife Management Institute
Sustaining Young Forest Habitat to Support At-Risk Species
Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.
\$250,000

DELAWARE

Delaware Department of Natural Resources
Delaware Bayshore Coastal Resiliency: Mahon to St. Jones

Repair critical infrastructure and implement a system-wide approach to evaluate, plan, design and construct restoration and resiliency strategies for coastal impoundments, wetlands and sandy beach habitat.
\$2,000,000

Delaware Department of Natural Resources

Delaware Bayshore Coastal Resiliency:
Mispillion to Milford Neck

Implement a system-wide approach to evaluate, plan, design and construct restoration and resiliency strategies for coastal wetlands and sandy beach habitat along the central Delaware bayshore.

\$4,500,000

New Jersey Audubon Society

Coastal Impoundment Vulnerability
and Resilience Assessment

Safeguard societal and ecological values of coastal impoundments from storm surges and sea-level rise. Project will evaluate their vulnerability and identify restoration options that enhance resilience.

\$470,000

Northeastern Regional Association of Coastal and Ocean Observing Systems

Improving Northeast Coast Storm-Related
Data Interpretation and Accessibility

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.

\$520,000

RESOLVE, Inc.

Delaware River Restoration Circuit
Rider — Agriculture Technical Assistance

Provide technical assistance with a focus on agricultural conservation to Delaware River Restoration Initiative grantees and the Delaware Watershed Initiative participants. Project will offer support, oversight and capacity building with prospective, new and existing grant recipients. Project will increase the ability and capacity of organizations to develop, organize and carry out projects and generate results with the agricultural community that fulfill the environmental outcomes sought by both NFWF and the grantee.

\$30,000

Riverhead Foundation for Marine Research and Preservation

Mid-Atlantic Bottlenose Dolphin Unusual
Mortality Event Emergency Support in
the Northeast Region (DE, MD, NJ, NY)

Build capacity for the Marine Mammal Stranding Network in the Northeast. Project will provide response and monitoring of the Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event.

\$99,960

Stroud Water Research Center

Flood Attenuation and Resiliency
in the Mid-Atlantic (DE, PA)

Project will reconnect floodplains, restore wetlands, plant riparian forest buffers, install level-lip spreaders and restore natural wood loads to streams to slow and dampen the flood wave.

\$3,029,999

Stroud Water Research Center

Delaware River Watershed Technical
Assistance Circuit Riders — Riparian
Technical Assistance

Provide technical assistance with a focus on agricultural conservation to grantees and Delaware Watershed Initiative Cluster participants. Project will offer support, oversight and capacity building with prospective, new and existing grant recipients. Project will increase the ability and capacity of organizations to develop, organize and carry out projects and generate results with the agricultural community that fulfill the environmental outcomes sought by both NFWF and the grantee.

\$57,320

Sussex Conservation District

Building Local Government Capacity
in Sussex County, Delaware

Work alongside nine Chesapeake municipalities to provide coordination assistance and information sharing for green infrastructure projects. Project will increase capacity of the municipalities to identify and implement green infrastructure projects, and increase green infrastructure best management practices by 20%.

\$128,024

University of California — Santa Cruz

Stock-Specific Bycatch Mapping for River
Herring in the Gulf of Maine (CA, CT, DE, GA,
MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.

\$99,982

University of Delaware

Improving Manure Application Technology

Improve upon existing manure application technology to achieve efficient subsurface applications of solid and semi-solid manures in the Chesapeake Bay watershed. Project will significantly reduce runoff and volatilization of nutrients.

\$131,154

University of Delaware

Modeling, Validation and Accretion Data
for Bombay Hook National Wildlife Refuge

Develop hydrodynamic model for Bombay Hook National Wildlife Refuge. Collect survey data to improve digital elevation model and hydrodynamic data for validation. Collect marsh accretion rate data to assess impact of sea level rise.

\$400,000

University of Delaware

Reducing Stormwater Volume and Nutrients
with Biochar in New Castle County, Delaware

Treat 1.3 acres of roadway in New Castle County Delaware. Project will use biochar to treat stormwater, provide laboratory data to quantify system performance and share information with state Department of Transportation.

\$316,349

Virginia Aquarium & Marine Science Center Foundation, Inc.

Response to the 2013 Dolphin
Unusual Mortality Event

Aid in the investigation of the recently declared Unusual Mortality Event affecting bottlenose dolphins along the U.S. Atlantic Coast. Project will coordinate marine mammal stranding response and provide analysis on the cause of death.

\$65,332

Wildlife Management Institute

Sustaining Young Forest Habitat
to Support At-Risk Species

Employ highly skilled conservation professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.

\$250,000

DISTRICT OF COLUMBIA**Anacostia Watershed Society, Inc.**

Promoting Awareness and Restoration
in the Anacostia Wetlands

Restore tidal wetland habitat in the Anacostia watershed. Project will remove 3 acres of phragmites, revegetate 10 acres of wetland habitat, and plant 500 square feet of submerged aquatic vegetation.

\$200,000

Casey Trees Endowment Fund

Riparian Forest Restoration
Project in Washington, D.C.

Engage over 800 volunteers and plant 750 trees to restore five acres of impaired National Park Service lands across several sites in Washington, D.C.

\$114,600

District Department of the Environment

Green Infrastructure Retrofits
in Rock Creek Park

Retrofit an 11-acre site with green infrastructure in Washington, D.C. Project will restore natural hydrology, prevent flooding and erosion, and protect habitat of the endangered Hay's Spring amphipod.

\$500,000

Green Diversity Initiative 2.0

Promoting Diversity in the Environmental Community

Examine the current involvement of minorities holding leadership positions in the largest national environmental organizations and the foundations that support them. The study will assess the current demographics of the largest conservation organizations and foundations, evaluate current efforts of these organizations to promote diversity, explore the root causes for the general lack of diversity in environmental organizations and recommend collaborative and positive actions that can be taken to increase diversity in the environmental community.
\$50,000

Northeastern Regional Association of Coastal and Ocean Observing Systems

Improving Northeast Coast Storm-Related Data Interpretation and Accessibility

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.
\$520,000

Theodore Roosevelt Conservation Partnership

Disseminating the Importance of Natural Resource Conservation and Outdoor Education

Disseminate information regarding the economic value of federal natural resource conservation and outdoor recreation programs, including jobs, tax revenues and local spending that this funding creates and leverages.
\$250,000

Water Words That Work, LLC

RiverSmart Homes: Seeking Success with Residential Stormwater Reduction

Develop an outreach plan to help the District Department of the Environment meet its stormwater reduction goals. Project will include in-depth interviews with 60 homeowners, a survey of 5,000 homeowners, and the creation of a detailed profile of the willing homeowner.
\$30,204

FLORIDA

American Bird Conservancy

Beach-Nesting Bird Conservation in the Gulf of Mexico (AL, FL, LA, TX) — III

Protect vulnerable solitary and colonial beach- and island-nesting birds such as Wilson's and snowy plovers, least terns and black skimmers from human disturbance. This project will implement protective measures such as signage, symbolic fencing and educational outreach with help from local partners and volunteers.
\$165,000

Conservation Legacy

Invasive Reptile Research in Everglades National Park

Assist with research designed to better understand the biology of, and potential control opportunities for, invasive reptiles in southern Florida. Project will increase scientific knowledge of the biology and impacts of invasive reptiles in Florida, reduce local populations of invasive reptiles, and prevent spread of populations into Everglades National Park.
\$19,000

Emerald Coast Wildlife Refuge

Marine Mammal Stranding Response and Monitoring

Provide rescue, recovery and treatment of live, stranded marine mammals in northwest Florida. Project will monitor for morbidity, mortality, human interaction and conduct public outreach.
\$140,600

Escambia County Board of County Commissioners

Jones Swamp Wetland Preserve Patton Restoration

Improve ecologic function of 35 acres of riparian buffer by restoring hydrology, reducing invasives and replanting. Project will also increase visitorship through installing educational signs, implementing outdoor programs and improving 2,500 feet of trail.
\$40,000

Florida Atlantic University Foundation, Inc.

Indian River County Junior Science Fellows

Employ scientists to mentor team student research projects in Coastal Oaks Preserve, a 185-acre, environmentally sensitive property owned and managed by Indian River Land Trust along Indian River Lagoon in Florida. This project will create an ongoing group of Student Fellows who understand and know how to provide solutions to environmental problems in the community.
\$40,000

Florida Fish and Wildlife

Conservation Commission, Fish and Wildlife Research Institute

American Oystercatcher Habitat Restoration (FL, TX)

Restore and increase the amount of quality high tide roost habitat available for the American oystercatcher and improve the species' apparent overwintering survival. Project will use proven construction techniques and local materials to rebuild reefs at two roosts used by 90% of individuals.
\$141,085

Florida Fish and Wildlife

Conservation Commission, Fish and Wildlife Research Institute

Evaluation and Fisher Education of No-Trap Areas on Coral Reefs

Support effective management of coral systems throughout the Florida Keys by reducing lobster trap impacts to corals reefs. Project will improve awareness of established no-trap zones and regulations and increase understanding of compliance and impact on neighboring corals.
\$72,961

Gulf World Marine Park

Marine Mammal Stranding Network

Build capacity for the Marine Mammal Stranding Network in Florida. Project will respond to marine mammal strandings and out-of-habitat animals reported.
\$141,380

Keep Pensacola Beautiful, Inc.

Bayou Grande Living Shorelines

Restore oyster reefs and intertidal marsh habitat on 1 acre at two locations in the Pensacola Bay system. This project will provide nursery and foraging grounds for finfish, shellfish and wading birds, as well as filter stormwater runoff and stabilize the shoreline.
\$29,888

Miami Science Museum

Virginia Key North Point Ecological Restoration

Restore 7 acres of coastal subtropical habitat in south Florida and employ an innovative outreach platform to engage volunteers. This project will utilize a unique portfolio of social media, science exhibits and iconic eco-art installations to promote participation in all phases of the restoration effort.
\$99,524

Micah Brodsky, V.M.D. Consulting

Northern Gulf of Mexico Unusual Mortality Event Veterinary Assistance (AL, FL, LA, MS)

Build capacity for the Marine Mammal Stranding Network in the Northern Gulf of Mexico. Project will provide technical expertise, respond to live and dead stranded marine mammals and necropsy dead stranded animals to determine cause of death.
\$84,766

Northwest Florida State College Foundation, Inc.

Coastal Dune Lakes Monitoring and Restoration in Walton County

Treat invasive plants and engage volunteers in monitoring 58 water quality stations monthly on 16 coastal dune lakes in Walton County. Project will focus on community education and involvement.
\$33,376

Oyster Recovery Partnership, Inc.

Oyster Shell Delivery for Restoration Work in the Chesapeake Bay (FL, MD)

Provide at-cost delivery of oyster shell for restoration activities in the Chesapeake Bay. \$4,873,883

PortMap Remote Ocean Sensing Pty Ltd

Connectivity and Thermal History Tools for Managers to Understand Resilience of U.S. Coral Reefs (FL, HI, LA, TX)

Increase public awareness of the status and threats to global coral reefs. Project will develop a suite of products for delivery via the Coral Reef Watch website describing temperature statistics experienced at coral reef locations worldwide and maps of coral reef connectivity and its role in recovery from disturbance.

\$127,237

Riverhead Foundation for Marine Research and Preservation

Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event Emergency Support in the Southeast Region (FL, GA, NC, SC, VA)

Build capacity for the Marine Mammal Stranding Network in the Southeast. Project will provide response and monitoring of the Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event.

\$99,960

Southeastern Association of Fish and Wildlife

Southeast Native Black Bass Conservation (FL, TX)

Secure sustainable populations of Guadalupe bass and shoal bass through landscape-scale habitat conservation in the Pedernales and Chipola River watersheds. Project outcomes include increased percentage of stream reaches in the Pedernales and Chipola with intact fish habitat and riparian vegetation, open fish passage, reduced sediment loads and genetically secure, self-sustaining populations of shoal and Guadalupe bass.

\$218,000

Tampa Bay Estuary Program

Continuation of the Tampa Bay Environmental Fund

Provide funding for Tampa Bay restoration, research and education initiatives.

\$170,000

Texas A&M University

Reducing Incidental Capture of Loggerhead Sea Turtles in Gulf of Mexico Trawl Fisheries (AL, FL, TX)

Reduce incidental capture of loggerhead sea turtles in the Gulf of Mexico. Project will certify turtle excluder device training for vessels and reduce turtle capture from incidental shrimp trawl captures.

\$99,103

The Longleaf Alliance, Inc.

Partnering to Restore Longleaf in the Gulf Coastal Plain Ecosystem Partnership Landscape (AL, FL)

Advance restoration and management to assist in recovering longleaf pine through partner projects in the Gulf Coastal Plain Ecosystem Partnership. Partners will complete 26,500 acres of prescribed fire, 500 acres of invasive species control, 1,500 acres of mid-story treatments and 447 acres of longleaf pine restoration on Blackwater River State Forest. \$267,000

The Nature Conservancy — Florida

Apalachicola Longleaf Restoration Initiative (FL, GA) — II

Provide funding assistance to Apalachicola Regional Stewardship Alliance member longleaf pine restoration projects and support existing longleaf management. Expand private lands outreach workshops and pilot \$262,000

The Nature Conservancy

Apalachicola Regional Stewardship Alliance Cooperative Invasive Species Management Area

Support weed management on three federal conservation lands and adjacent private property within the Apalachicola Regional Stewardship Alliance Cooperative Invasive Species Management Area. Project will prioritize Early Detection/Rapid Response invasive plants.

\$75,000

The Nature Conservancy

Combating Invasives with Community Volunteers and Education

Utilize regional partnerships to create educational tools and coordinate volunteer opportunities, workshops and events to remove invasive species and increase awareness in Central Florida. This project will remove invasive species on public and private lands and reduce re-infestation on conservation lands through increased detection and response efforts while increasing visibility for invasive species issues in central Florida.

\$25,000

University of Maryland Center for Environmental Science

Pilot Report Template for Status and Trends of Coral Reef Ecosystems in the United States (AS, FL)

Increase management capacity to evaluate restoration efforts of U.S. coral reef systems. Project will develop a status- and trends-assessment framework and report card process that synthesizes biological, physical and socio-economic data from two jurisdictions.

\$60,000

Youth Environmental Alliance, Inc.

Community-Based Coastal Habitat Restoration

Restore and protect coastal areas impacted by storms, erosion and sea level rise by replanting protective dunes, mangroves and adjacent uplands. This project will restore 4 miles of local beach habitats via dune plantings using sea oats, railroad vine, dune sunflower, mixed dune grasses, dune and upland shrubs.

\$25,000

GEORGIA**Coastal WildScapes**

Cay Creek Wetland Demonstration Landscape: A Coastal Model

Create a wetland demonstration landscape to provide a tangible example of good stewardship and a model for coastal sustainability. Project will leverage existing park infrastructure at Cay Creek Wetland Park to provide educational outreach that will improve the understanding of wetland natural communities and functions and provide practical guidelines for sustaining wetland functions, habitats and wildlife in private and community landscapes along the coast of Georgia.

\$39,978

College of William and Mary

Investigating Population Dynamics of the Red Knot in Georgia

Monitor the red knot in Georgia, provide a rigorous estimate of the population utilizing Georgia in the spring and fall, and develop a partnership to address the management needs of the species.

\$71,969

Georgia Department of Natural Resources

Restoring Longleaf Pine on Big Lazer Creek Wildlife Management Area

Prepare and plant mountain longleaf on 400 acres of cutover loblolly pine on state-owned land in Talbot County. This future longleaf forest will be managed in perpetuity with frequent fire and uneven-aged regeneration to promote native groundcover restoration for the benefit of bobwhite quail, Bachman's sparrow and other savanna-dependent species.

\$66,000

Riverhead Foundation for Marine Research and Preservation

Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event Emergency Support in the Southeast Region (FL, GA, NC, SC, VA)

Build capacity for the Marine Mammal Stranding Network in the Southeast. Project will provide response and monitoring of the Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event.

\$99,960

South River Watershed Alliance

River Cane Restoration Initiative

Restore 10 acres of river buffer along the South River. Project partners will transplant and reestablish river cane, remove invasive species and engage in targeted watershed education.

\$34,400

The Longleaf Alliance, Inc.

Fort Stewart/Altamaha Longleaf

Restoration Partnership — II

Continue to build a significant local implementation team in southeast Georgia. Work will include longleaf planting and habitat management. Project outcomes will include 14,000 acres burned on public and private lands, 800 acres of longleaf planted, one 5-acre groundcover demonstration area established, and two landowner outreach field days.

\$300,000

The Nature Conservancy

Talladega-Mountain Longleaf Pine

Conservation Partnership (AL, GA)

Support on-the-ground restoration on state and private lands including the establishment of longleaf on 200 acres of private lands and 300 acres of the Coosa Wildlife Management Area, which serves as key habitat for the red-cockaded woodpecker. Project will enhance over 8,100 acres of longleaf through prescribed fire and other management practices, with additional funding used to provide fire crew assistance.

\$280,000

The Nature Conservancy — Florida

Apalachicola Longleaf Restoration

Initiative (FL, GA) — II

Provide funding assistance to Apalachicola Regional Stewardship Alliance member longleaf pine restoration projects and support existing longleaf management. Expand private lands outreach workshops and pilot

\$262,000

Trees Atlanta, Inc.

South Peachtree Creek and

Veterans Hospital Restoration

Restore 1/4 mile of South Peachtree Creek that runs behind the Atlanta Veterans Administration Medical Center by planting native species while giving access to patients via a creekside mulch path. This project will stabilize the streambank, control erosion, restore wildlife habitat and provide controlled access to the area.

\$26,545

United States Endowment for Forestry and Communities, Inc.

Savannah River Watershed

Conservation (GA, SC)

Perform mapping, planning and outreach activities on working forests, agricultural lands and other natural infrastructure in the Lower Savannah River Watershed. Project will reduce water treatment costs and wildlife habitat.

\$47,500

University of California — Santa Cruz

Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.

\$99,982

University of Georgia

Living Shoreline — Tybee Island

Construct a living shoreline at the Burton 4-H Center on Tybee Island to halt erosion of a tidal stream. The living shoreline will utilize oyster shell to provide habitat for eastern oysters to settle upon and native plants to halt erosion.

\$25,000

HAWAII**American Bird Conservancy**

Constructing a Predator-Proof Fence at Kilauea Point National Wildlife Refuge — III

Continue effort to create the first colonies of threatened Newell's shearwaters and endangered Hawaiian petrels that are completely protected from terrestrial predators. Project will construct a predator-proof fence at Kilauea Point National Wildlife Refuge, eradicate non-native mammals from the enclosure and translocate Newell's shearwaters and Hawaiian petrels into the site.

\$511,712

American Bird Conservancy

Saving Hawaii's Imperiled Forest Birds — VI

Contribute to a long-term effort to save Hawaii's threatened native birds by working with partners to implement on-the-ground projects. Project will increase and diversify funding for the conservation of Hawaiian birds and will work with local Hawaiian communities to increase their understanding of and appreciation for the conservation of native Hawaiian bird species.

\$273,096

Conservation International Foundation

Developing a Community

Supported Fishery in Hawaii

Develop a community supported fishery in Hawaii as modeled after Local Catch Monterey Bay. Project will create a tool for the identification of sustainable seafood through the development of a sociocultural, economic and environmental seafood sustainability index; increase number of fishers/suppliers engaged in a sustainable seafood supply business; increase profit margin for engaged fishermen; establish a local seafood business dedicated to sustainability and social impact; and improve transparency within the seafood supply chain.

\$100,000

Garden Island Resource Conservation and Development, Inc.

Invasive Weed Control in Northwest Kaua'i

Remove invasive species from 135 acres of native forest on northwest Kaua'i. Project will include a volunteer component that heightens public awareness, leverages funds and engages the community in direct conservation action.

\$75,000

Hawaii Division of Forestry and Wildlife

Restoring Seabird Breeding Habitat

on Kure Atoll — II

Continue a long-term effort to remove non-native plants from 184 acres of seabird nesting habitat on Hawaii's most significant seabird sanctuary. Project will result in improved habitat quality for seabirds, increased population abundance for Laysan and black-footed albatrosses and brown and masked boobies, and expansion of a resilient native plant community.

\$650,000

Kupu

Hawaii Youth Conservation Corps

Engage five youth in seven weeks of conservation and habitat restoration work. Project will include watershed restoration, surveying, native species planting and invasive weed removal.

\$20,000

National Park Service — Haleakala National Park

Restoring Hawaiian Petrel Habitat

Protect approximately 1,450 acres of Hawaiian petrel habitat by fencing off the area and removing feral goats, deer and dogs. Project will construct approximately 2.9 miles of woven-wire barrier fences to safeguard petrel habitat.

\$518,000

**National Park Service —
Haleakala National Park****Revising Predator Management
for Hawaiian Petrels**

Review the current predator control program for Hawaiian Petrels. Project will generate a report summarizing effects of spatial and temporal patterns in trapping success and produce a dynamic predator control program that can be used as a model for other programs.

\$250,000

**PortMap Remote Ocean Sensing Pty Ltd
Connectivity and Thermal History Tools
for Managers to Understand Resilience
of U.S. Coral Reefs (FL, HI, LA, TX)**

Increase public awareness of the status and threats to global coral reefs. Project will develop a suite of products for delivery via the Coral Reef Watch website describing temperature statistics experienced at coral reef locations worldwide and maps of coral reef connectivity and its role in recovery from disturbance.

\$127,237

The Coral Reef Alliance**Outreach and Adaptive Management for
the West Maui Fishery Management Area**

Provide outreach and training to increase compliance with coral reef management regulations in the Kahekili Herbivore Fisheries Management Area. Project will assess and communicate outcomes to date to the local community, while also ramping up engagement with stakeholders to ensure continued and increased compliance.

\$30,000

**Tri-Isle Resource Conservation &
Development Council, Inc.****Promoting Watershed
Stewardship in West Maui**

Promote and facilitate specific watershed stewardship actions by West Maui residents. Project will build greater awareness of ocean and coral reef-related threats stemming from land-based sources of pollution and will inform consumer choices among Maui Island residents.

\$47,700

U.S. Fish and Wildlife Service**Models for Listed Seabirds on
the Main Hawaiian Islands**

Develop and validate a decision support tool to be used by conservation and ecosystem managers for planning, threat mitigation and strategic habitat prioritization to help define conservation efforts for Newell's shearwater and Hawaiian petrel. Project will identify areas of conservation concern and will model the efficacy of threat management approaches to increase the long-term viability of the populations.

\$98,695

University of Hawaii**Mapping Water Quality Threats
to Coral Reefs from Urban Storm
Water to Prioritize Mitigation**

Identify sources of pollution for coral reefs in Hawaii. Project will gather data on land-based sources of pollution in two west Maui priority watersheds to allow management measures to target areas contributing the greatest sources of pollutants to coral reefs.

\$66,525

University of Hawaii**Setting Nutrient Thresholds to
Coral Reef Health (AS, HI)**

Develop and apply a nutrient response assay for two species of corals and their associated microbial communities in the West Maui and Faga'alu priority watersheds. Project will link water quality thresholds (nitrogen, phosphorus) to microbial and coral physiological responses to create a tool for management to assess impacts to reef systems before coral mortality.

\$91,000

University of Hawaii — Manoa**Threshold and Reduction Targets for Land-
Based Stressors to Coral Reefs (AS, HI)**

Establish minimum response thresholds and threat reduction targets for sedimentation, turbidity, nitrogen and phosphorus stress in the main reef-building corals of Hawaii and American Samoa. Project will couple these targets with other tools in development which will allow managers to assess threats to coral reefs and monitor their recovery at a finer scale and in a shorter timeframe.

\$89,008

IDAHO**Bureau of Land Management — California****Boise District Collegiate Monitoring Program**

Employ two student monitoring teams made up of well-qualified university students seeking a degree in range management to conduct habitat assessments and monitoring in priority sagebrush steppe habitats and riparian areas on Bureau of Land Management (BLM) lands throughout the Boise district. Participation in this program will enable students to see the uses and implications of their field research as they share the information they collect, make data presentations and engage with grazing permittees, BLM specialists, and other interested members of the public.

\$11,500

Council School District #13**Council Rural Environmental Stewardship**

Engage rural Adams County youth in natural resource restoration job training and conservation leadership experiences in partnership with Payette National Forest professionals. Project will carry out established watershed work plans to improve 24 acres of habitat in the national forest and restore 4 miles of ranchland riparian habitat.

\$18,380

Friends of Deer Flat Wildlife Refuge**Enhance Osprey Webcam Experience
at Deer Flat National Wildlife Refuge**

Install a new webcam to display the nesting and rearing activities of a pair of ospreys near the refuge's visitor center. Project will promote and enhance local and national interest in the osprey nests, thereby increasing public interest in the Deer Flat National Wildlife Refuge.

\$3,658

High Country RC&D, Inc.**High Country Agriculture Land Enhancement**

Provide technical assistance to help agricultural irrigators save energy, maximize water use, enhance water quality, increase crop yield and improve local habitats. Project will increase the viability of native species including the Yellowstone cutthroat trout, trumpeter swan and sandhill crane.

\$55,000

Nez Perce Tribe**Nez Perce Youth Sustainability Education**

Utilize the Tribe's Cherrylane fish hatchery for a field day and provide sustainability coursework and training for Nez Perce Reservation youth. Areas of sustainability will include aquaculture, silvaculture, sustainable agriculture, air quality, solid waste management, non-point source management and stream restoration.

\$50,491

Nez Perce Tribe**Restore Wetland into Nature Park
for Environmental Education**

Restore a wetland on the edge of a tribal community by eradicating noxious weeds and planting native wetland plants. A nature trail with interpretive signs will be created for community use.

\$44,434

Northwest Youth Corps**Lake Cascade Habitat Management
and Youth Development**

Hire six underserved youths for a new conservation program based around education, land management and hands-on conservation work as part of a larger effort to expand opportunities for 100 Idaho teens. Project will connect youth to the outdoors through habitat restoration and other conservation-related projects at Lake Cascade.

\$49,947

Shoshone-Bannock Tribes

Bridging the Divide: Helping Tribes Preserve Traditional Culture

Help tribal youths and elders preserve traditional culture. Project will bring together traditional native knowledge and modern ecology, and introduce Tribal youths to career opportunities in natural and cultural resource management.
\$15,000

U.S. Forest Service

New Invader Integrated Initiative

Intensify Early Detection/Rapid Response efforts at Frank Church Wilderness Cooperative Weed Management Area by establishing more efficient ways of utilizing its resources. Project will treat approximately 600 acres of high-priority new or early invader species.
\$75,000

ILLINOIS**Chicago Park District**

Restoring and Enhancing Habitat at Big Marsh Enhance wetland and grassland habitat at Big Marsh in Chicago by controlling invasive plant species, installing native plant species and developing an ecological restoration plan. Project will contribute towards achieving the desired ecological conditions at Big Marsh, which include healthy wetland function and the re-establishment of state-listed plants and wildlife populations.
\$475,000

Chicago Public Schools, District 299

Space to Grow: Greening Chicago Schoolyards Renovate four Chicago public school campuses to capture stormwater by incorporating green stormwater infrastructure. Project will provide multiple benefits, including reconnecting communities with their local public schools, providing green space and significantly contributing to a reduction in stormwater runoff across the city.
\$271,313

First Nations Development Institute

Native American Models for Control of Local Food Systems in the Midwest (IL, MN, WI)

Develop the capacity of three Native American organizations that are working to create systemic change by increasing control of local food systems. Project will expand efforts to provide high-quality and expanded quantities of healthy and locally produced foods to Native American communities, to progress toward organizational sustainability and to uphold the natural resource management goals of conservation plans adopted in each of their areas.
\$25,000

Friends of the Chicago River

Chicago River Constructed Habitat Structures

Improve habitat in the Chicago River system through the installation of 400 multifunctional habitat structures that will benefit a variety of fish species. Project will make the river system more hospitable to many fish species and lead to improved angling opportunities for local communities.
\$300,000

Friends of the Forest Preserves

Centennial Network Restoration Along the Chicago River

Establish the Centennial Network, an organized system of volunteers who will conduct five large-scale restoration projects that enhance habitat along the North Branch of the Chicago River. Project will significantly reduce invasive vegetation, increase native plant cover and improve habitat diversity and streambank stability.
\$271,313

Garfield Park Conservatory Alliance

Urban Agriculture Education and Community Greening

Provide public education in sustainable urban agriculture practices and use the Conservatory's resources to foster community gardening and greening activities on Chicago's West Side. This project will provide training, resources and materials to support community groups creating and sustaining green spaces to improve underserved areas within the local community.
\$25,000

Lake County Forest Preserve District

Lake Michigan Watershed Early Detection Invasives Strike Team (IL, WI)

Control populations of high-priority invasive plant species using early detection in wetlands, grasslands, and ravines along the Lake Michigan coastline in southern Wisconsin and northern Illinois. Project will prevent habitat degradation associated with invasive plant infestations at high-priority habitats occupied by many rare and imperiled species.
\$397,265

Lake Katherine Nature Center and Botanic Gardens

Lake Katherine Pollinator Habitat Improvement Initiative

Involve local students and volunteers in an 18-month restoration project that improves degraded wetland, prairie and forest at the park. Project will directly improve habitat and environmental quality at the site, provide hands-on opportunities for involvement in environmental stewardship at Lake Katherine as well as educate visitors, students and the surrounding communities about restoration at the park.
\$34,004

National Audubon Society, Inc.

Wild Indigo Urban Naturalist Training

Train staff members from underserved communities and leaders of other community organizations to serve as urban naturalists and promote stewardship of local nature. This project will introduce underserved communities to the sand prairies, sand savannas, woodlands, dune and swale ecosystems, and migratory birds of the Calumet region, and promote habitat stewardship.
\$29,394

River Action, Inc.

Urban Watershed Restoration at Green Valley Nature Preserve

Build off restoration efforts at Green Valley completed in 2013 to restore the remainder of the 250-acre area and its tributaries, restoring a critical urban watershed. Project will improve water quality and wildlife habitat throughout the watershed.
\$50,000

INDIANA**Health and Hospital Corporation of Marion County, Indiana**

Marion County Green Corridor Extension

Employ volunteer and partner resources to develop an existing dirt path into an ecofriendly, crushed-limestone trail with increased public access for education and environmental stewardship. This project will extend an existing crushed limestone trail along 6,000 feet.
\$31,575

LaGrange County Community Foundation

Restoring Duff Lake Fen

Restore 108 acres of degraded fen wetland and adjacent upland in northeastern Indiana. Project will hydrologically and vegetatively restore the lowland and upland portions of the site to a native grassland continuum as well as improve habitat for species of concern.
\$270,000

Little River Wetlands Project, Inc.

Urban Wetland Stewardship and Nature Education

Enhance habitats at three wetland preserves in a large urban Indiana area. Project will also engage businesses and individuals in environmental learning and conservation.
\$20,000

Ohio River Foundation

Career Youth Training: Conservation in the Ohio River Basin (IN, KY)

Employ 21 high school seniors to install at least 70 projects in Boone and Hoosier National Forests and Big Oaks National Wildlife Refuge. Project work will protect native fauna and reduce erosion and runoff.
\$20,000

Shirley Heinze Land Trust, Inc.**Hobart Marsh Restoration**

Restore open wetland and associated wet-mesic savanna habitat by controlling invasive species and reestablishing native plant communities in the Hobart Marsh conservation complex. Project will restore 140 acres, reduce threats to adjacent sites, and benefit several state-listed species.
\$100,000

Student Conservation Association**Indiana Dunes Trail Maintenance**

Deploy a Leader Team (Student Conservation Association members with previous experiences and training) at Indiana Dunes National Lakeshore for a three- to four-week period starting in September. Project will include a variety of trail maintenance activities, including tread repair, installing drainage structures and rehabbing various trail structures, including bridges.
\$26,155

The Nature Conservancy — Indiana**Cooperatively Restoring Indiana's Grand Calumet River Area of Concern**

Develop and implement a cooperative and comprehensive approach to early detection/rapid response, invasive species control, and restoration management in the Grand Calumet River Area of Concern. Project will contribute to the delisting of habitat-related beneficial use impairments within the Grand Calumet River Area of Concern.
\$157,375

The Nature Conservancy — Indiana**Managing and Restoring Habitat for****Species of Concern in Northeast Indiana**

Restore and manage wetland, stream, riparian, forest, and grassland habitat at three sites in northeast Indiana. Project will protect and enhance populations of eight federally listed species.
\$129,490

IOWA**The Nature Conservancy, Iowa Chapter****Sustainable Agricultural Practices****Upstream of Des Moines**

Restore four to five oxbows comprising 2 acres that remove 45% of nitrates, store 17 million gallons of flood water annually and provide wildlife habitat for the federally endangered Topeka shiner. This project will improve water quality downstream, offer flood reduction downstream and provide wildlife habitat while maintaining agricultural productivity.
\$97,445

KANSAS**Friends of the Great Plains Nature Center, Inc.****Great Plains Nature Center****Communications Plan**

Develop a media relations and special event management plan to increase visitation to the Great Plains Nature Center. Project will increase the urban audience's awareness of the Refuge System's mission, as well as conservation and education.
\$5,000

KENTUCKY**Morehead State University****Boone Wetland and Native Plant****Restoration Initiative**

Utilize a number of partnerships to conduct an on-the-ground restoration of a riparian zone. Project will engage 110 volunteers and restore 2 acres of habitat.
\$22,397

National Wild Turkey Federation, Inc.**Cumberland Shortleaf and Woodland****Savannah Restoration (KY, TN)**

Conduct restoration on 16,159 acres in the Cumberland Plateau. Management activities include prescribed fire, opening enhancement, timber stand improvements, and public outreach field days. Long-term, the project will return about 40% of the landscape to uneven age oak-hickory dominated forest, 25% to oak and oak-pine (shortleaf) woodlands, 10% to savannas, and 5% to open grasslands.
\$217,000

Ohio River Foundation**Career Youth Training: Conservation****in the Ohio River Basin (IN, KY)**

Employ 21 high school seniors to install at least 70 projects in Boone and Hoosier National Forests and Big Oaks National Wildlife Refuge. Project work will protect native fauna and reduce erosion and runoff.
\$20,000

University of Kentucky Research Foundation**Restoring Forest Wildlife Habitat****at Robinson Forest**

Reestablish hardwood forest habitat at Robinson Forest by decompacting soil and removing invasive species. Project will restore 36 acres with native trees to improve cerulean warbler habitat.
\$140,000

LOUISIANA**American Bird Conservancy****Beach-Nesting Bird Conservation in the****Gulf of Mexico (AL, FL, LA, TX) — III**

Protect vulnerable solitary and colonial beach- and island-nesting birds such as Wilson's and snowy plovers, least terns and black skimmers from human disturbance. This project will implement protective measures such as signage, symbolic fencing and educational outreach with help from local partners and volunteers.
\$165,000

Audubon Nature Institute, Inc.**Marine Mammal Response Support****at Audubon Nature Institute**

Build capacity for the Marine Mammal Stranding Network in Louisiana. Project will respond to unusual mortality events, collect data and perform marine mammal necropsies.
\$210,430

Institute for Marine Mammal Studies**Stranding Response and Necropsies for Marine Mammals in Gulf of Mexico (AL, LA, MS)**

Respond to, conduct necropsies on and collect tissues from stranded marine mammals in the Mississippi Sound and adjacent waters. Project will provide coverage for the Marine Mammal Stranding Network in the northern Gulf of Mexico.
\$379,670

International Sea Turtle Society**International Sea Turtle Symposium 2014****Convene the 34th Annual Symposium on****Sea Turtle Biology and Conservation in****New Orleans in April 2014. Project will****have special focus on sea turtle populations****in the Gulf of Mexico. It is expected that****1,000 constituents will participate in****around 400 poster and oral presentations,****six capacity building workshops and five****regional meetings.**

\$25,000

Louisiana Department of**Wildlife and Fisheries****Sea Turtle Stranding and Nesting Surveys — II****Build capacity for the Marine Mammal****Stranding Network in Louisiana. Project will****respond to marine mammal strandings and****out-of-habitat animals reported.**

\$261,660

National Wild Turkey Federation, Inc.**Restoring Longleaf Pine in****West Central Louisiana**

Provide management plans and cost-share incentives to private landowners to restore longleaf in the historical longleaf range of the Piney Woods in west central Louisiana. The project will restore 1,000 acres of longleaf and enhance 2,500 acres of longleaf ecosystem on private lands.
\$350,000

PortMap Remote Ocean Sensing Pty Ltd

Connectivity and Thermal History Tools for Managers to Understand Resilience of U.S. Coral Reefs (FL, HI, LA, TX)

Increase public awareness of the status and threats to global coral reefs. Project will develop a suite of products for delivery via the Coral Reef Watch website describing temperature statistics experienced at coral reef locations worldwide and maps of coral reef connectivity and its role in recovery from disturbance.

\$127,237

Trailblazer RC&D Area, Inc.

Giant Salvinia Control (LA, TX)

Work with partners to implement multiple strategies to help control giant salvinia in northwest Louisiana and northeast Texas. Project will collect species data, educate new audiences and create a weevil nursery.

\$35,523

U.S. Geological Survey —**Southeast Ecological Science Center**

Gulf Sea Turtle In-Water Index Site

Establish the first in-water index site for sea turtles in the Gulf of Mexico. Project will address gaps such as estimates of vital rates, population connectivity and identification of foraging areas.

\$100,000

University of New Orleans

Habitat Is Where It's At

Enhance 8 acres in three wetland habitats in Bayou Sauvage Wildlife Refuge, while educating students and community members about wetland values. This project will allow under-served urban students and volunteers to gain a better understanding of the value of the wetlands surrounding the urban center of New Orleans through hands-on activities.

\$42,188

MAINE**Atlantic Salmon Federation (U.S.), Inc.**

Construct Fishways on the Penobscot River for River Herring Passage

Restore fish passage for river herring in Maine. Project will construct fishways at three locations called for in the State of Maine's Operational Plan for the Restoration of Diadromous Fishes to the Penobscot.

\$125,000

BioDiversity Research Institute

Restoring Diadromous Fish Habitat in the Gulf of Maine

Conduct inventories and prioritize barrier removals, install stream crossings and fishways, and restore fish passage and habitat in alewife and Atlantic salmon distinct population segment.

\$214,838

Friends of Acadia

Youth Internships in Acadia National Park

Implement youth internships in the fields of natural resources management, interpretation, education and maintenance. Project will facilitate 16 youth intern positions hired by Friends of Acadia to work on projects in Acadia National Park in the summer/fall of 2014.

\$50,000

Friends of Maine's Seabird Islands

Friends of Maine Seabird Islands Visitor Center Improvement

Improve the visitor center by installing two new computers for visitor education and a series of photographs, which will depict different features of the Refuge.

\$3,075

Island Institute

Sustainability Planning for Maine Fishing Communities

Create a regional community sustainability plan guide for Maine fishing communities. Project will produce a thorough list of vetted, practical options and resources for fishing communities to improve resiliency of their industry and manage risks posed by shifts in regulatory and environmental conditions.

\$62,500

Maine Department of Agriculture, Conservation and Forestry —**Maine Natural Areas Program**

Cooperative Invasive Species Management in Southern Maine

Create a Cooperative Invasive Species Management Area in Kennebec County, Maine. Project will result in a more coordinated and sustained approach to invasive species mapping, monitoring, outreach and early detection.

\$60,000

Maine Department of Marine Resources

Increasing Monitoring Capacity for Sustainable Harvest of River Herring

Increase capacity for monitoring river herring runs. Project will utilize local trainings, online platforms and outreach materials to engage partners and volunteers in monitoring river herring runs to determine the possibility of sustainable harvests.

\$103,227

New Jersey Audubon Society

Coastal Impoundment Vulnerability and Resilience Assessment (MA, MD, ME, NH, NJ, NY, RI, VA)

Safeguard societal and ecological values of coastal impoundments from storm surges and sea-level rise. Project will evaluate their vulnerability and identify restoration options that enhance resilience.

\$470,000

Nobleboro Historical Society

Damariscotta Mills "Lower Middle" Fish Ladder Restoration — II

Restore fish passage for river herring. Project will complete the Damariscotta Mills fish ladder restoration to ensure optimal fish passage for river herring.

\$135,000

Penobscot East Resource Center, Inc.

A Pilot Approach to Building Community Capacity for Ecosystem Based Fishery Management

Build capacity for pilot, ecosystem-based fishery management development with fishermen and community assets in a region experiencing unprecedented ecosystem recovery.

\$100,000

The Friends of Aroostook National Wildlife Refuge, Inc.

Curriculum for Aroostook National Wildlife Refuge Outreach

Create a curriculum on the refuge's biodiversity for local schools, youth groups and visitors. Project will educate people about the refuge and get more people involved in its mission.

\$1,866

The Nature Conservancy — Maine

Maine Stream Crossing Prioritization and Habitat Restoration

Work with the Natural Resources Conservation Service to collect missing data on road-stream crossing to identify Farm Bill eligible landowners to engage in conservation. Project will support the development of the nation's first state-wide database detailing structural impact and habitat potential for road-stream crossings for restoration prioritization.

\$115,000

University of California — Santa Cruz

Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.

\$99,982

Wildlife Management Institute

Northeast Forests Conservation for Declining Species (CT, MA, ME, NH, NY, RI, VT)

Support several highly experienced habitat biologists to deliver technical assistance in high-priority areas to benefit New England cottontail, golden-winged warbler, and American woodcock. Project will support coordination of research efforts, field test study design, sample analysis and increasing early successional habitat.

\$250,000

Wildlife Management Institute**Sustaining Young Forest Habitat to Support At-Risk Species**

Employ highly skilled conservation professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.

\$250,000

MARYLAND**Alliance for the Chesapeake Bay, Inc.****Stewardship Program for Healthy Farm Streams in the Chesapeake Bay Watershed (MD, WV)**

Show how barriers to landowner adoption of riparian forest buffers can be overcome through whole farm planning, innovative funding strategies and training.

\$300,000

AMEC Environment and Infrastructure, Inc.**Stormwater Best Management Practices in Rural Counties with Roadside Ditches**

Produce a conceptual design for stormwater best management practices to be implemented in the public right-of-way in Wicomico County.

\$39,990

American Rivers, Inc.**Community-Based Herring Restoration in the Chesapeake Bay (MD, PA, VA)**

Develop a model for landowner engagement. Project will use this model to increase future priority private land restoration project success rates.

\$179,997

American Rivers, Inc.**Restoration of the Patapsco River: Bloede Dam Removal**

Remove Bloede Dam from the Patapsco River. Project will increase community resiliency to major storm events and provide habitat for diadromous and other species.

\$2,480,000

Anacostia Watershed Society, Inc.**Stream Stewards**

Educate and empower 400 students to implement low-impact development projects at two schools in the Anacostia River Watershed. Students will learn about issues facing the Anacostia watershed, participate in a field study of the river and implement low-impact development strategies (such as painting and installing rain barrels and creating rain gardens) at their schools.

\$35,000

Cacapon Institute, Inc.**Installing Best Management Practices at Schools in the Chesapeake Bay Watershed (MD, VA, WV)**

Install best management practices at schools in the Upper Potomac and Shenandoah Valley. Project will engage more than 6,000 students, teachers and volunteers in bay conservation.

\$51,559

Center for Watershed Protection, Inc.**Enhanced Nutrient Removal Design and Monitoring in Carroll County**

Assist Carroll County with designing and monitoring improved sand filters for the county's stormwater management facility retrofitting process.

\$39,957

Center for Watershed Protection, Inc.**Performance Enhancing Devices for Best Management Practices**

Synthesize data from expert input to inform recommendations for use of performance boosting soil media. Project will help develop design specifications to translate research into application for implementation.

\$344,384

Chesapeake Conservation Landscaping Council**Certification Program for Chesapeake Bay Landscape Professionals (MD, VA)**

Standardize a comprehensive regional certification for landscape professionals. Project will help these professionals design, install and maintain best management practices such as rain gardens, tree planting, conservation landscapes and cisterns.

\$200,000

Chesapeake Wildlife Heritage, Inc.**Wetland Restoration Project in the Chester River Watershed**

Restore 27 acres of wetlands in partnership with landowners in the Chester River watershed. Project will provide significant pollution reduction benefits and help achieve watershed implementation goals.

\$69,320

Civic Works, Inc.**Clean Waters and Jobs for Baltimore Youth**

Install bioretention and develop a training/certification model for workers in Baltimore. Project will help make stormwater management installations a viable career path.

\$200,000

Ecotone, Inc.**Retrofit Feasibility Study in Walnut Pond**

Prevent excessively warm water from being delivered to a first order tributary to the South Branch of Gunpowder Falls, a cold-water fishery with a documented native brook trout population. Project will evaluate potential solutions, engage stakeholders and develop a final design for renovation or retrofitting.

\$29,831

Land and Cultural Preservation Fund, Inc.**Citizens Promoting Clean Water in Frederick City**

Engage citizens in city stream trash removal and degraded stream bank restoration. Project will test water quality to guide remediation of Frederick City's drinking water supply and build a clean water campaign.

\$57,568

LimnoTech**Port Tobacco Creek Restoration in Charles County**

Restore a portion of Port Tobacco Creek in Charles County, Maryland. Project will reconnect the stream to the floodplain and restore riparian habitat.

\$40,000

Low Impact Development Center, Inc.**Floodplain Study and Concept Designs for Capitol Heights Watts Branch Headwaters**

Assist the town of Capitol Heights in cleaning up Watts Branch and the surrounding area to make it a more attractive area to live and work. Project will finalize a preliminary floodplain study and prepare two potential concept designs.

\$40,000

Maryland Department of Natural Resources**Reforestation Abandoned Mine Lands in Western Maryland**

Restore 238 acres of abandoned mine lands and stream buffers, including invasives removal and tree planting. Project will benefit brook trout, golden-winged warblers and cerulean warblers.

\$125,000

Midshore Riverkeeper Conservancy**Agricultural Best Management Practices, Implementation and Testing in the Choptank and Wye Watersheds**

Provide technical assistance, design plans, implementation and efficacy testing of innovative agricultural best management practices in the Choptank and Wye River watersheds on the Eastern Shore of Maryland.

\$300,000

National Aquarium in Baltimore, Inc.**National Aquarium Marine Debris Outreach Initiative**

Achieve a significant increase in public awareness of the environmental threats associated with marine debris. Project will increase the awareness of visitors to the National Aquarium in Baltimore via strategic exhibit content and directed educational outreach programs.

\$44,196

National Wildlife Federation Mid-Atlantic Regional Center

Deep Green Community: Benefits Wildlife and Water in Baltimore
Increase native wildlife habitat in Baltimore City neighborhood. Project will decrease stormwater runoff and foster a greater environmental awareness and stewardship ethic within the Baltimore community.
\$200,000

New Jersey Audubon Society

Coastal Impoundment Vulnerability and Resilience Assessment (MA, MD, ME, NH, NJ, NY, RI, VA)
Safeguard societal and ecological values of coastal impoundments from storm surges and sea-level rise. Project will evaluate their vulnerability and identify restoration options that enhance resilience.
\$470,000

Northeastern Regional Association of Coastal and Ocean Observing Systems

Improving Northeast Coast Storm-Related Data Interpretation and Accessibility
Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.
\$520,000

Oyster Recovery Partnership, Inc.

Conducting Oyster Restoration for Maximum Environmental Benefits in the Choptank River
Re-populate 20 acres of oyster reefs in Little Choptank River. Project will build community support, and collect and verify data needed to maximize oyster survival and long-term environmental benefits.
\$300,000

Oyster Recovery Partnership, Inc.

Oyster Shell Delivery for Restoration Work in the Chesapeake Bay (FL, MD)
Provide at-cost delivery of oyster shell for restoration of oyster reef habitat in the Chesapeake Bay.
\$4,873,883

Prince George's County, Maryland

Urban Retrofit Using Innovative Bioretention Design
Retrofit an office complex using bioretention facilities with two innovative technologies developed under a previous NFWF grant. The project will be combined with innovative high-flow media to create a new design.
\$375,000

Riverhead Foundation for Marine Research and Preservation

Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event Emergency Support in the Northeast Region (DE, MD, NJ, NY)
Build capacity for the Marine Mammal Stranding Network in the Northeast. Project will provide response and monitoring of the Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event.
\$99,960

Smithsonian Institution

Imaging Sonar Run Counts of River Herring in Chesapeake Bay — II
Develop a network of groups engaged in river herring research and a draft plan for monitoring spawning runs. Project will complete the development of rigorous imaging sonar method for run counts.
\$100,753

Smithsonian Institution

Sustainable Reduction in 'Ghost Crab Pot' Fishing
Reduce the impact of Maryland derelict crab pots. Project will evaluate disabling or recovery technologies, engage watermen and state agencies on sustainable solutions and educate the public.
\$48,647

St. Mary's River Watershed Association Inc.

Fostering Behavior Change on a Neighborhood-Scale in the St. Marys River Watershed
Engage neighborhoods in sustainable homestead best management practices and individual behaviors. Project will foster a social competition to be the most river-friendly neighborhood and increase the use of best management practices across the watershed.
\$34,840

The Conservation Fund

Increasing Resiliency in Maryland's Greater Baltimore Wilderness
Map, analyze and assess central Maryland's green infrastructure for opportunities to expand, protect and maintain a network to increase ecosystem resiliency and population protection from impact of coastal storms.
\$640,000

The Conservation Fund

Increasing Saltmarsh Acreage and Resiliency for Blackwater National Wildlife Refuge
Increase saltmarsh acreage and enhancing resiliency for Blackwater National Wildlife Refuge and Fishing Bay Wildlife Management Area in southern Dorchester County. Project will create 25 acres of new saltmarsh, increase saltmarsh productivity and generate an invasive plant eradication map.
\$3,500,000

Town of North Beach

Protecting North Beach's Saltmarsh and Emergency Route
Create, restore and improve North Beach's shoreline in Calvert County. Project will prevent further erosion to North Beach's 105-acre saltmarsh, protect the surrounding communities, and prevent damage to MD-261, an emergency vehicle route.
\$540,000

University of California — Santa Cruz

Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)
Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.
\$99,982

University of Maryland Eastern Shore

Improving Subsurfer Manure Management Technologies
Lead the development of a hybrid auger-chain delivery system. Project will modify the University of Maryland Eastern Shore's "Subsurfer" unit to accept a chain delivery system.
\$60,000

Virginia Aquarium & Marine Science Center Foundation, Inc.

Response to the 2013 Dolphin Unusual Mortality Event
Aid in the investigation of the recently declared Unusual Mortality Event affecting bottlenose dolphins along the U.S. Atlantic Coast. Project will coordinate marine mammal stranding response and provide analysis on the cause of death.
\$65,332

Wildlife Management Institute

Sustaining Young Forest Habitat to Support At-Risk Species
Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.
\$250,000

MASSACHUSETTS

Charles River Watershed Association

Canoeing for Clean Water, Charles River — II
Restore habitat and recreation through invasive weed eradication. This project will mobilize hundreds of volunteers, involve large-scale mechanical harvesting and research, and create new river stewards.
\$30,746

Community Development Partnership**Best Practices in Permit Bank Management**

Improve best practices for fisheries permit banking in Massachusetts. Project will provide technical assistance to fishermen and deepen the utility of the Fish Hub. Specific activities will include recruiting additional fishermen to utilize the Fish Hub to strengthen their businesses, providing innovative financing options, enhancing the aggregate data capability of the Fish Hub, and developing resource tools for business advisers to utilize the Fish Hub.

\$75,000

Friends of the Great Falls Discovery Center, Inc.**Promoting the Friends of the****Great Falls Discovery Center**

Create a friends brochure with a tear-off membership form as well as a traveling exhibit box to distribute and share throughout the community. Project will increase the friends' membership within and beyond its present area, thereby increasing the pool of volunteers available to help with refuge programs.

\$4,020

Manomet Center for Conservation Sciences**American Oystercatcher Recovery—V**

(MA, NJ, NY, RI, SC)

Conserve and manage coastal habitat to help recover the population of American oystercatchers and associated beach nesting bird species in Massachusetts, Rhode Island, New York, New Jersey and South Carolina. Project will use best management practices to manage human disturbance and nest predation, and will help coordinate regional efforts to benefit American oystercatchers.

\$209,781

Massachusetts Department of Fish and**Game—Division of Ecological Restoration****Removal of 10 Dams in Massachusetts**

Remove seven high-risk dams, complete design and permitting to remove two additional dams and a technical assessment and concept plans for removal of a 10th dam, identify and initiate 10 new priority dam removal projects and offer hands-on dam removal experience to students.

\$4,500,000

Massachusetts Division of Marine Fisheries**Mass Shoreline Protection Using Complex Reef Habitat**

Plan a shoreline protection project designed to attenuate wave energy and protect transplanted eelgrass through the creation of a submerged breakwater reef.

\$240,000

National Wildlife Federation**Risk Reduction and Resiliency****Enhancement for Great Marsh**

Through the creation of living shorelines, infrastructure assessment, hydrodynamic modeling and resiliency planning, project will reduce coastal community risk while enhancing ecosystem value.

\$2,940,000

New Jersey Audubon Society**Coastal Impoundment Vulnerability****and Resilience Assessment (MA,**

MD, ME, NH, NJ, NY, RI, VA)

Safeguard societal and ecological values of coastal impoundments from storm surges and sea-level rise. Project will evaluate their vulnerability and identify restoration options that enhance resilience.

\$470,000

Northeastern Regional Association of**Coastal and Ocean Observing Systems****Improving Northeast Coast Storm-Related****Data Interpretation and Accessibility**

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.

\$520,000

University of California—Santa Cruz**Stock-Specific Bycatch Mapping for River****Herring in the Gulf of Maine (CA, CT, DE, GA,**

MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.

\$99,982

Wampanoag Tribe of Gay Head**Wampanoag Tribe of Gay Head****(Aquinnah) Resiliency Proposal**

Conduct four projects that cover assessments, planning and restoration activities to increase resiliency to tribal lands in future storms.

\$670,000

Wildlife Management Institute**Northeast Forests Conservation for Declining****Species (CT, MA, ME, NH, NY, RI, VT)**

Support several highly experienced and networked habitat biologists to deliver technical assistance in high-priority areas to benefit New England cottontail, golden-winged warbler, and American woodcock. Project will support coordination of research efforts, field test study design, sample analysis and increasing early successional habitat.

\$250,000

Wildlife Management Institute**Sustaining Young Forest Habitat****to Support At-Risk Species**

Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.

\$250,000

MICHIGAN**Calhoun Conservation District****Restoring Aquatic Connectivity****to the Kalamazoo River**

Replace two road-stream crossings in the lower reaches of the Pigeon River watershed of southwestern Michigan. Project will reconnect 11.6 miles of upstream and 200 downstream miles of habitat with the Kalamazoo River system providing enhanced passage for many fish species, healthier fish populations and aquatic habitat, and improved habitat for several Michigan species of special concern.

\$168,354

Conservation Legacy**Monitoring Algae at Sleeping Bear****Dunes National Lakeshore**

Monitor beaches at Sleeping Bear Dunes National Lakeshore for the presence of dead birds and fish, while quantifying the amount of algae accumulated on the beaches. Project will conduct intensified monitoring of beaches and coastal waters to provide solutions to prevent beach fouling and reduce botulism outbreaks.

\$8,000

Conservation Resource Alliance**Improving Aquatic Connectivity****and Habitat in the Maple River**

Improve aquatic connectivity and riparian, wetland, and in-stream habitat in the Maple River and its tributaries. Project will result in unrestricted aquatic species passage, wetland restoration, the prevention of sediment from entering waterways, lower stream water temperature, and improved fish habitat.

\$558,000

Conservation Resource Alliance**Boardman River Fish Passage Restoration—II**

Represent the second phase of a project that will restore connectivity to 160 miles of the Boardman River. Project will reconnect 12.5 stream miles and restore in-stream and riparian habitat along 1.2 miles of cold-water stream, which will improve habitat for many fish species.

\$1,500,000

Conservation Resource Alliance

West Michigan Fruit Belt Conservation Alliance
Prepare regional partners to rapidly implement 2014 Farm Bill Programs by supporting two locally knowledgeable conservation experts to engage landowners in conservation projects. Project will result in an array of conservation outcomes, including easements, 100 conservation plans, and 30 projects to restore and protect priority wildlife and fishery habitat.
\$180,000

Huron Pines

Restoring Fish Habitat in the Cheboygan River Watershed
Replace road-stream crossings, install large in-stream structures and control invasive plant species in the Cheboygan River watershed. Project will reconnect 20 upstream miles, reduce sediment inputs, and improve habitat for brook trout, lake sturgeon and other fish.
\$470,392

Huron Pines Resource Conservation & Development Council, Inc.

Reconnecting Black River Tributaries with Lake Huron
Replace three priority road-stream crossings along the Black River in northeastern Michigan. Project will reconnect 8.75 miles of the river with Lake Huron and provide stream access for coaster brook trout and other lake-run fish.
\$32,053

Michigan Department of Agriculture — Environmental Stewardship Division

Reducing Phosphorus Runoff in Western Lake Erie Basin
Provide local technical assistance staff through Conservation Districts in the Michigan Western Lake Erie Basin to assist farmers with phosphorus reduction strategies. Project will utilize the voluntary, confidential Michigan Agriculture Environmental Assurance Program to reach farmers, and will result in measurably reducing nutrient loss and sedimentation.
\$251,000

Michigan Department of Natural Resources

Restoring Riparian and Aquatic Habitat Along the Detroit River in Milliken State Park
Naturalize 350 feet of shoreline and improve aquatic habitat along the Detroit River at Milliken State Park. Project will increase the populations of targeted fish, reptile and amphibian species in the project vicinity and contribute to the delisting of both Loss of Fish and Wildlife Habitat and Degradation of Fish and Wildlife Populations Beneficial Use Impairments in the Detroit River Area of Concern.
\$800,000

Niles City, Michigan

Dowagiac River Fish Passage Restoration
Remove fish passage barriers and restore stream channel and associated floodplain habitat. Project will reconnect 159 stream miles with 11,000 acres of wetlands and restore two miles of cold-water stream habitat for fish species.
\$250,000

River Alliance of Wisconsin, Inc.

Menominee River Area of Concern Fish Passage (MI, WI)
Implement the third phase of a multi-phase project to help restore lake sturgeon in the Lake Michigan basin. Project will reconnect 21 miles of historic spawning and rearing habitat in the Menominee River with Lake Michigan by providing upstream and downstream fish passage around two dams.
\$2,883,495

Superior Watershed Partnership

Cooperative Weed Management in Central Upper Michigan
Work with partners to expand successful, collaborative, invasive species management in Lake Superior and Lake Michigan watersheds. Project will expand public education programs and support a cooperative weed management area coordinator and field crew.
\$75,000

The Greening of Detroit

Green Connections: Developing Conservation Careers
Hire ten low-income Detroit youths to participate in the Green Connections Conservation Careers Program, an employment program designed to develop the next generation of conservationists. Youth will lead volunteers in tree planting activities as part of their training and employment experience in an effort to cultivate leadership and communication skills.
\$59,750

The Nature Conservancy — Michigan

Early Detection/Rapid Response of Invasive Plant Species along Eastern Lake Michigan
Survey and control invasive plant species using Early Detection/Rapid Response methodology throughout 11,000 acres along the 505-mile shoreline of eastern Lake Michigan. Project will improve and protect coastal dune and wetland habitat for many rare wildlife and plant species.
\$495,380

Trout Unlimited — Schrems West Michigan Trout Unlimited

Improving Cold Water Habitat for Brook Trout
Install in-stream structures, improve riparian and aquatic habitat, and remove fish passage barriers in Kent County, Michigan. Project will positively impact five streams, one wetland, and 22,000 feet of stream as well as reduce sediment inputs and improve habitat for fish species.
\$149,000

Trout Unlimited, Inc.

Reconnecting Coldwater Habitat in Northwest Michigan Rivers
Conduct seven in-stream habitat improvement projects in the Manistee, Pine, Little Manistee and Pere Marquette rivers of northwestern Michigan. Project will improve connectivity and restore 45 miles of cold-water stream habitat, reduce flooding and damage caused by severe storm events, and provide examples of science-driven river restoration techniques.
\$250,000

Wildlife Management Institute

Sustaining Young Forest Habitat to Support At-Risk Species
Employ highly skilled conservation professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.
\$250,000

MINNESOTA

Children and Nature Network

Sun Ray Green Library
Demonstrate community-based conservation on the land that surrounds the Sun Ray Public Library in Saint Paul, Minnesota. Project will help to create an outdoor reading area featuring rain gardens and native plants.
\$98,403

First Nations Development Institute

Native American Models for Control of Local Food Systems in the Midwest (IL, MN, WI)
Develop the capacity of three Native American organizations that are working to create systemic change by increasing control of local food systems. Project will expand efforts to provide high-quality and expanded quantities of healthy and locally produced foods to Native American communities, to progress toward organizational sustainability and to uphold the natural resource management goals of conservation plans adopted in each of their areas.
\$25,000

Friends of Tamarac National Wildlife Refuge, Inc.

Expanding Friends Outreach Capacity at Tamarac National Wildlife Refuge
Create new outreach materials, enhance volunteer recruitment, and design a new marketing strategy for the Nature Photography Contest. Project will provide the Friends with the materials and capabilities necessary to expand the Friends' outreach capacity and volunteer recruitment.
\$5,000

Friends of the Prairie Wetlands Learning Center, Inc.

Prairie Wetland Seasons Through the Lens
Acquire five cameras to support the Junior Friends in developing an art exhibit and to teach nature photography workshops to the public. Project will increase community awareness and connection with the refuge through the photo exhibit and workshops.
\$5,000

Great Plains Institute for Sustainable Development, Inc.
Minneapolis Small Business Energy Coaching
Reduce energy use and improve economic well-being of 40 Minneapolis businesses. Project will train local community representatives to provide in-depth energy coaching for small businesses.
\$50,000

Lake County Soil and Water Conservation District
Stewart River Stabilization and Habitat Improvement
Stabilize the stream channel and improve aquatic and riparian habitat along 3,000 feet of the Stewart River. Project will provide increased habitat for aquatic organisms, improve water quality and enhance resiliency by increasing the ability of the stream to withstand high flows.
\$378,471

Land Stewardship Project
Expand Soil Health Practices in the Root River Watershed
Engage 125 farmers and landowners to improve grazing, soil health and cover cropping on 5,000 acres. Project will enhance bird and aquatic habitat and water quality in the Root River watershed.
\$135,355

Mississippi River Fund
Mississippi River Conservation Volunteers
Restore floodplain and bluff woodlands on the upper Mississippi River, engaging underserved youth populations and volunteers. This project will restore habitat and engage volunteers through community groups and educational volunteer experiences.
\$27,975

Pheasants Forever, Inc.
Minnesota Prairie Plan Implementation
Support a multi-partner approach to grassland conservation in the Prairie Pothole Region of Minnesota. Project will fund two wildlife biologists to serve as local technical assistance leads to deliver statewide programs and Farm Bill programs to landowners that accomplish programmatic goals of the Minnesota Prairie Conservation Plan.
\$250,000

River Keepers
Reforestation of the Red (MN, ND)
Restore degraded riparian forest added to public ownership. Forest restoration project will improve water quality and develop public appreciation and use of urban stormwater best management practices.
\$38,522

Spirit Mountain Recreation Area
Controlling Runoff to Knowlton Creek
Construct in-stream systems to reduce destructive peak flows in Knowlton Creek within the St. Louis River System Area of Concern. Project will reduce sediment inputs and allow for the restoration of impaired habitat within a designated trout stream.
\$600,000

Wildlife Management Institute
Sustaining Young Forest Habitat to Support At-Risk Species
Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.
\$250,000

MISSISSIPPI

City of Pascagoula, Mississippi
Urban Forest Restoration in I.G. Levy Park
Restore 1 acre of urban forest in a Pascagoula community park to increase bird habitat near Whitehead Lake. Project partners will remove invasive species, plant trees and plant rain gardens.
\$25,001

Institute for Marine Mammal Studies
Stranding Response and Necropsies for Marine Mammals in Gulf of Mexico (AL, LA, MS)
Respond to, conduct necropsies on and collect tissues from stranded marine mammals in the Mississippi Sound and adjacent waters. Project will provide coverage for the Marine Mammal Stranding Network in the northern Gulf of Mexico.
\$379,670

Micah Brodsky, V.M.D. Consulting
Northern Gulf of Mexico Unusual Mortality Event Veterinary Assistance (AL, FL, LA, MS)
Build capacity for the Marine Mammal Stranding Network in the Northern Gulf of Mexico. Project will provide technical expertise, respond to live and dead stranded marine mammals and necropsy dead stranded animals to determine cause of death.
\$84,766

Mississippi Land Trust
Enhancing Pine-Grassland Habitat with Prescribed Fire
Apply fire on 7,760 acres of private lands to enhance bird habitat. Project builds on the

highly successful "Fire on the Forty" private lands burning initiative taking place in south Mississippi.
\$100,000

Mississippi State University
Developing Private Sector Capacity for Longleaf Restoration
Increase private-sector capacity and expertise by providing longleaf conservation training to foresters who work with private landowners. Project will also educate local private landowners and Girl Scouts and provide financial incentives for longleaf replanting. The effort will restore 4,000 acres of longleaf pine, enhance over 1,000 acres of longleaf habitat and engage 200 private landowners through education and technical assistance.
\$190,000

Texas A&M University
Reducing Incidental Capture of Loggerhead Sea Turtles in Gulf of Mexico Trawl Fisheries (AL, FL, TX)
Reduce incidental capture of loggerhead sea turtles in the Gulf of Mexico. Project will certify turtle excluder device training for vessels and reduce turtle capture from incidental shrimp trawl captures.
\$99,103

MISSOURI

Beloved Streets of America
The Beloved Streets of America Urban Agriculture Initiative
Utilize urban agriculture to revitalize the community along a neglected area of Dr. Martin Luther King Drive through a partnership with Washington University and local grocery stores for the purchase and use of produce. Project activities will include rehabilitating and renovating an abandoned commercial facility as a green technology application.
\$25,000

Community Action Agency of St. Louis County, Inc.
Summer Farm Internships for Teens
Employ 10 teens to learn urban agriculture, community engagement, and healthy diet at two urban farms located within the two low-income "food deserts" where the teens live. Project farms will become neighborhood anchors, improve self-reliance, increase access to healthy food and expand nutritional values.
\$25,961

Quality Deer Management Association
Private Landowner Cooperative Position
Help fund a cooperative position between the Quality Deer Management Association and the Missouri Department of Conservation. Project will establish and maintain private landowner wildlife management cooperatives.
\$9,400

The Open Space Council for the St. Louis Region

Lower Meramec Hands-On Stewardship and Watershed Education

Implement a three-prong approach to the lower Meramec Watershed plan by restoring 500 miles of river, educating the public through “Watershed Cairns” art and university water-quality research. Data will be collected and analyzed from project sites throughout the lower Meramec Watershed. \$25,000

MONTANA

Bureau of Land Management—Dillon Field Office

Bear Trap Wilderness Biological Control Reestablishment

Reestablish biological control sites on populations of leafy spurge and spotted knapweed to replace sites destroyed in a 2012 fire in Madison County, Montana. Project will also treat smaller infestations that have reappeared since the fire. \$25,000

Missoula County Weed District

Engaging Youth in Natural Resource Restoration

Provide high school students with career mentorship and on-the-ground experience in natural resource restoration work. Students will engage in mechanical and biological noxious weed control, wildlife habitat restoration, native seed collection, fence removal, trail maintenance and stream restoration. \$20,775

Montana Conservation Corps, Inc.

Northern Great Plains Restoration Corps

Employ 72 youths for 28 weeks of varied and needed habitat restoration work. Project will expose youth to exceptional locations and a wide variety of conservation issues in the Northern Great Plains. \$65,000

Montana Conservation Corps, Inc.

Montana-Wyoming Reclamation Youth Corps

Mobilize diverse youths from urban, rural and tribal communities to participate in 12 weeks of high-value conservation projects rich with learning and training opportunities. By working at Tiber Dam/Lake Elwell, Canyon Ferry Reservoir, and Keyhole Reservoir, youths will contribute valuable services to mitigate invasive weeds, improve fencing to protect Bureau of Reclamation resources, plant trees and enhance recreation facilities and learn about education and career opportunities in conservation fields. \$35,000

Montana Department of Fish, Wildlife and Parks

Bear Management in the Cabinet-Yaak Region — III

Reduce human-caused grizzly bear mortalities through human-bear conflict prevention and through increasing public awareness and tolerance of bears throughout the Cabinet-Yaak region. Project will support a bear management specialist who works with the local communities to reduce the risk of attractant-related bear conflicts. \$50,000

Northern Rockies Conservation Cooperative

Carnivores at the Crossroads:

A Partnership for Coexistence (MT, WA)

Mitigate conflicts with carnivores in biologically important landscapes by leveraging partnerships in the region to deliver leadership, proven innovations and scientific analysis. Project will provide initial steps toward building a partnership of innovation, cross-fertilization and demonstration projects all targeted on carnivore conflict reduction. \$35,000

Pheasants Forever, Inc.

Restoring Wildlife Habitat on Public Lands

Increase wildlife habitat on publicly held lands in the Billings, Montana area by leveraging the efforts of the Montana Habitat Partnership. \$40,000

Rocky Mountain Bird Observatory

Business Plan and Monitoring Framework for

Grassland Birds in the Northern Great Plains
Develop grassland bird conservation goals and strategies to benefit the Northern Great Plains. Project will expand existing monitoring program to better measure conservation action impacts on bird populations. \$184,059

Rocky Mountain Elk Foundation

Ray Creek Acquisition — II

Aid in acquisition of a total of 988 acres within the proclaimed boundary of the Helena National Forest and direct deed the land to the U.S. Forest Service. Project will protect over 2 miles of westslope cutthroat habitat and provides important habitat for elk and deer. \$9,400

World Wildlife Fund, Inc.

Grassland Bird Conservation in the Northwestern Region of the Northern Great Plains

Assess best management practices (BMPs) and develop targets for habitat manipulation and refinement to produce improved habitat for priority bird species on partner lands. Project will work with ranchers and ranchers' groups to coordinate and communicate with

agencies to assess and leverage habitat and bird responses to grazing BMPs. \$100,000

Yaak Valley Forest Council

Yaak Valley Watershed Restoration Partnership

Collaborate with multiple partners on a summer pilot program to protect and improve fisheries in the Yaak River basin. Project will hire two youths to conduct sediment source surveys in Yaak River tributaries, stream thermograph monitoring, trail maintenance and restoration on previously decommissioned road prisms, and non-toxic weed treatment on the banks of the Yaak River. \$5,600

NEBRASKA

Rocky Mountain Bird Observatory

Business Plan and Monitoring Framework for

Grassland Birds in the Northern Great Plains
Develop grassland bird conservation goals and strategies to benefit the Northern Great Plains. Project will expand existing monitoring program to better measure conservation action impacts on bird populations. \$184,059

NEVADA

Bureau of Land Management—Winnemucca District

Using Riders to Restore Grazed Riparian Bird Habitat (NV, OR)

Use riders, spring protection, seeding, planting and weed treatment to restore riparian areas grazed by livestock. Project will be a collaborative effort among several agencies and stakeholders. \$50,000

Bureau of Land Management—California Youth Restoration of Forest and Rangelands in Nevada

Expand partnership with the Nevada Conservation Corps and local Native American tribes to employ, train, and mentor tribal and other youth to restore forests and rangelands in northern Nevada. A 10-member crew will be hired to enhance about 400 acres of sage-grouse habitat and restore forest and woodland on Carson City District Bureau of Land Management lands. \$75,000

City of Fernley

Preliminary Engineering for the City of Fernley's

Aquifer Storage and Recovery Program
Complete the necessary preliminary engineering for the diversion, conveyance, delivery, and subsequent use of water for the City of Fernley's Aquifer Storage and Recovery Program. \$250,000

Conservation Legacy

Historic Railroad Trail and Camp Davis Trail (AZ, NV)

Expand the existing Colorado River Heritage Greenway Park and Trails from Davis Dam across the Colorado River to Laughlin, Arizona. Project will employ a crew of six corps members and two crew leaders to construct and mark trail, install signage, improve walkways and manage vegetation. \$49,600

Dayton Valley Conservation District

Carson River Floodplain Rehabilitation and Habitat Restoration

Reestablish native and desirable vegetation and habitat on multiple properties along the Middle Carson River. Project will complete multiple weed treatments including herbicide spot treatments, mowing, burning, and re-seeding to eradicate invasive weeds and reestablish native vegetation. \$250,000

Great Basin Institute

Vegetation and Habitat Monitoring in the Walker Basin

Educate youth about important conservation work that is occurring in the Walker Basin and watershed. Project will employ a seven-member youth crew to collect data using contemporary vegetation and habitat sampling techniques that have been developed for nationwide use at multiple landscape scales. \$74,996

Great Basin Institute

Coyote Springs Restoration

Engage youth volunteers to help clean up and reduce impacts of a recreational shooting area within the Coyote Springs Area of Critical Environmental Concern through general site cleanup, decommissioning of illegal motorized activity, and fence enclosures to concentrate use in previously disturbed areas. \$8,000

Great Basin Institute

Generation Green: Lake Tahoe Basin Management (CA, NV)

Engage local youth in ecological conservation and leadership development. Project will teach students about conservation methods and related job opportunities through a variety of on-the-ground work. \$36,370

Great Basin Land & Water

Summit Lake Region Protection Program

Complete preliminary steps towards acquisition of the 14,000-acre Soldier Meadows Ranch in the Summit Lake Region of northwest Nevada in Humboldt County. Project will complete due diligence and federal environmental compliance. \$250,000

Mason Valley Conservation District

Revegetation of Retired Farmlands

Revegetate several hundred acres of retired farmlands. Project will complete installation of drip irrigation systems, planting and seeding, irrigation, monitoring, and weed control and management. \$167,781

Nevada Department of Wildlife

Pine Nut Mountains Habitat Restoration

Restore riparian and wet meadow ecosystems as well as adjacent uplands within the Pine Nut Mountains located in the Central Great Basin. \$165,370

Nevada Land Trust

South Fork Humboldt River Canyon Conservation

Secure protection for approximately 1,000 acres of riparian habitat in the South Fork Humboldt River Canyon. \$125,000

Nevada Land Trust

Acquisition of Property in Ash Canyon

Acquire approximately 45.5 acres of land and associated water rights (up to 20 acre-feet of water) in the Ash Canyon and McEwen watersheds of the Carson and Truckee Basins. \$250,000

Pyramid Lake Paiute Tribe

Numana Dam, Indian Ditch and Fisheries Project

Complete four tasks to conserve water for Pyramid Lake. Project will complete engineering work on the Numana Dam, fish passage, Indian Ditch irrigation system, and hatchery pipeline to allow more water to remain in the lower Truckee River, Pyramid Lake. \$1,400,000

Pyramid Lake Fisheries

Pyramid Lake Quagga and Zebra Mussel Aquatic Species Plan Development

Prevent the introduction of quagga and zebra mussels into Pyramid Lake. Project will develop and implement watercraft inspection and decontamination protocols, construct permanent decontamination areas and provide increased outreach and education to boaters, anglers and the general public. \$250,000

River Partners

Habitat Restoration Planning at Stillwater National Wildlife Refuge

Restore 500 acres of grassland, riparian and wetland habitat restoration on the Stillwater National Wildlife Refuge. Project will develop restoration plan, secure permits and complete preliminary engineering work necessary for future restoration. \$249,975

Smith Valley Conservation District

Walker River Restoration and Noxious Weed Removal

Employ and train two youths to assist with abandoned farmland restoration efforts as a result of water acquisitions during the 2015 field season. Youths will gain experience in noxious weed identification, GPS/GIS data collection, native plant establishment and drip irrigation operation, repair and maintenance on 280 acres. \$30,248

Summit Lake Paiute Tribe

Trout Assessment and Habitat Restoration at Summit Lake

Complete a thorough assessment of trout in Summit Lake, Nevada. Project will generate population estimates, age structure and age-based mortality estimates for lake and stream resident cutthroat trout populations in Summit Lake basin and initiate riparian restoration projects. \$1,500,000

Summit Lake Paiute Tribe

Developing Conservationists at the Summit Lake Reservation

Offer six youths the opportunity to participate in a three-week summer internship at the Summit Lake Reservation in remote north-western Nevada. Interns will assist with existing resource management projects being implemented by the Tribe's Natural Resources Department to research, support, and conserve fish, wildlife, plant and habitat resources. \$31,000

The Nature Conservancy

McCarran Ranch and Mustang Ranch Ecosystem Restoration

Improve and expand riparian habitat for migratory birds by reconnecting the Lower Truckee River to its floodplain and conducting extensive revegetation with native tree and shrub species. \$499,624

The Nature Conservancy

Optimizing Restoration Investments in the Truckee Watershed (CA, NV)

Prioritize headwater restoration and conservation investments in the Truckee Watershed. Project will couple stakeholder engagement with sophisticated watershed modeling, a Resource Investment Optimization System model, to develop recommendations for maximizing ecosystem service returns on investments and serve as a resource for coordination among the entities involved in watershed management. \$249,090

Trout Unlimited, Inc.

Lahontan Cutthroat Trout Conservation (CA, NV, OR)

Provide support for a Lahontan Cutthroat Trout (LCT) Coordinator who hires, trains and supervises range-wide field crews, coordinates communication and collaboration among stakeholders in LCT recovery and works on public and private landowner outreach and education. Project will also support Nevada Department of Wildlife's Safe Harbors Biologist who is responsible for monitoring and oversight of private-lands agreements to enable LCT recovery projects on private lands.

\$450,288

U.S. Fish and Wildlife Service — Lahontan National Fish Hatchery Complex

Pilot Peak Lahontan Cutthroat Trout Mark and Recapture Program

Support the Pilot Peak Mark and Recapture program, a study to track the performance of Lahontan cutthroat trout. Project will identify and track Lahontan cutthroat trout in Pyramid Lake and provide resource managers with information on the Pilot Peak Lahontan cutthroat trout stocking program in Pyramid Lake.

\$250,000

Walker River Paiute Tribe

Water Conservation Improvements Within the Walker River Indian Irrigation Project

Determine cost-effective investments for increasing the efficiency of tribal water diversions and reducing the net consumptive use of water associated with those diversions within the irrigation system.

\$250,000

NEW HAMPSHIRE**New Hampshire Department of Environmental Services**

River Restoration: Removal of Two Sawyers Mill Dams

Remove two dams to restore 11.2 miles of the Bellamy River to free-flowing, improve water quality, reduce flooding and remove a barrier to diadromous and resident aquatic species.

\$550,000

New Jersey Audubon Society

Coastal Impoundment Vulnerability and Resilience Assessment (MA, MD, ME, NH, NJ, NY, RI, VA)

Safeguard societal and ecological values of coastal impoundments from storm surges and sea-level rise. Project will evaluate their vulnerability and identify restoration options that enhance resilience.

\$470,000

Northeastern Regional Association of Coastal and Ocean Observing Systems

Improving Northeast Coast Storm-Related Data Interpretation and Accessibility

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.

\$520,000

Seacoast Science Center, Inc.

Establishing a New Marine Mammal Stranding Program for New Hampshire

Establish a new marine mammal stranding program at the Seacoast Science Center. Project will fill the gap of coverage currently in New Hampshire for the Marine Mammal Stranding Network.

\$50,000

University of California — Santa Cruz

Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.

\$99,982

Wildlife Management Institute

Northeast Forests Conservation for Declining Species (CT, MA, ME, NH, NY, RI, VT)

Support several highly experienced habitat biologists to deliver technical assistance in high-priority areas to benefit New England cottontail, golden-winged warbler, and American woodcock. Project will support coordination of research efforts, field test study design, sample analysis and increasing early successional habitat.

\$250,000

Wildlife Management Institute

Sustaining Young Forest Habitat to Support At-Risk Species

Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.

\$250,000

NEW JERSEY**American Littoral Society**

Creating Resilient Habitats and Communities on Delaware Bay

Restore six Delaware bayshore sites, making habitats and towns more resilient to future storms and impacts of climate change and associated threats. Innovative restoration and protection techniques will promote long-term sustainability of the project.

\$4,750,000

American Littoral Society

Barrett's Run Afforestation and Grassland Buffer

Improve the buffer along Barrett's Run in Hopewell Township by afforestation and planting grasses on seven and a half acres of preserved land. Project's buffer will address agricultural runoff, stormwater, habitat and environmental education.

\$63,852

Association of New Jersey

Environmental Commissioners

Creating a Model for Local Green Infrastructure Practices

Inform local officials about stormwater and create an impervious cover reduction plan. Project will install examples of green infrastructure as models for residents and officials.

\$75,000

City of Hoboken, NJ

Transforming Hoboken's Block 12 into a Green Infrastructure Asset

Incorporate green infrastructure into Block 12's neighborhood redesign in Hoboken. Project will increase stormwater management, reduce sewer overflow and increase open space.

\$250,000

City of Newark, NJ

Newark Bay Wetlands Restoration Project

Develop a comprehensive restoration design plan as well as funding to restore and enhance degraded wetlands and habitat at a 12-acre site along the Newark Bay.

\$1,560,000

City of Ocean City, NJ

Restore Damaged Wetlands on Islands in Great Egg Harbor Bay

Restore damaged wetlands on various wetland Islands in Great Egg Harbor Bay by thin-layer placement of dredge materials and reclamation of former wetlands on Garret's Island using dredge materials.

\$2,630,000

Friends of Great Swamp National

Wildlife Refuge, Inc.

Friends of New Jersey and Eastern Pennsylvania Refuges Peer-to-Peer Coaching
Host a two-day meeting for seven Friends groups to facilitate exchanging ideas, sharing expertise, networking, capacity building and educational instruction.

\$4,900

Groundwork Hudson Valley, Inc.

Groundwork-Walkill Connection:
Fostering Urban River Stewards (NJ, NY)

Improve access to the Saw Mill River so that residents living next to it can both protect and enjoy the river. Volunteers will restore riverbanks by removing invasives and planting native trees.

\$35,410

Little Egg Harbor Township

Marsh Restoration and Replenishment,
Little Egg Harbor

Protect two towns by restoring several acres of marsh, preventing further erosion, opening clogged waterways, and replenishing a beach through the beneficial reuse of dredge spoils.

\$2,130,000

Manomet Center for Conservation Sciences

American Oystercatcher Recovery — V
(MA, NJ, NY, RI, SC)

Conserve and manage coastal habitat to help recover the population of American oystercatchers and associated beach nesting bird species in Massachusetts, Rhode Island, New York, New Jersey and South Carolina. Project will use best management practices to manage human disturbance and nest predation, and will help coordinate regional efforts to benefit American oystercatchers.

\$209,781

Monmouth Beach, New Jersey

Monmouth Beach Resiliency Through
Marsh and Dune Restoration

Construct coastal dune system to improve town resiliency and restore plover, tern and skimmer habitat using 50,000 cubic yards of sand. Work includes design of 17-acre marsh island.

\$1,780,000

Musconetcong Watershed Association

Turkey Hill and West Portal Brook Restoration:
Agriculture Best Management Practices

Restore two tributaries to the Musconetcong River using agricultural best management practices in order to reduce nutrients and bacterial contamination.

\$100,000

New Jersey Audubon Society

Beach Restoration at Southern
Seven Mile Island, New Jersey

Project will restore beach at Stone Harbor Point to increase coastal resiliency, improve wildlife habitat and develop an adaptive strategy for protection from future storms.

\$1,280,000

New Jersey Audubon Society

Coastal Impoundment Vulnerability
and Resilience Assessment (MA,
MD, ME, NH, NJ, NY, RI, VA)

Safeguard societal and ecological values of coastal impoundments from storm surges and sea-level rise. Project will evaluate their

vulnerability and identify restoration options that enhance resilience.

\$470,000

New Jersey Audubon Society

Synergistic Conservation
Strategies in the Highlands

Enhance water quality by improving riverine and headwaters habitat through strategies associated with forest connectivity and aquatic connectivity of in-stream habitat.

\$132,213

New Jersey Audubon Society

Agricultural Best Management Practices
in the Kirkwood-Cohansey Cluster

Increase use of agricultural and forest best management practices to protect water resources. Project will reduce agricultural impacts to streams, wetlands and groundwater resources and develop a strategy for increased cost-share for best management practices.

\$138,355

New Jersey Conservation Foundation

Preventing Erosion, Restoring
Hydrology in the Pine Barrens

Working at two preserves totaling 13,400 acres, project will manage water control structures, restore floodplain hydrology, inhibit unlawful off-road traffic in stream headwaters and protect native species.

\$280,000

**New Jersey Department of
Environmental Protection**

Building Ecological Solutions to
Coastal Community Hazards

Develop, design and deliver green infrastructure techniques that add ecological value and enhance community resiliency.

\$3,440,000

**New Jersey Department of
Environmental Protection —**

Office of Natural Resource Restoration
Beneficial Reuse of Dredge Material
to Restore Saltmarshes

Leverage dredging for clear navigation channels to restore 90 acres of coastal marsh, assess the effectiveness of this method and plan future projects on the Atlantic Coast of New Jersey.

\$3,420,000

**New Jersey Department of
Environmental Protection — Office
of Natural Resource Restoration**

Liberty State Park Saltmarsh and
Upland Enhancement Project

Design a minimum of 40 acres of saltmarsh creation and approximately 100 acres of upland enhancement.

\$250,000

**Northeastern Regional Association of
Coastal and Ocean Observing Systems**

Improving Northeast Coast Storm-Related
Data Interpretation and Accessibility

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.

\$520,000

RESOLVE, Inc.

Delaware River Restoration Circuit
Rider — Agriculture Technical Assistance

Provide technical assistance with a focus on agricultural conservation to grantees and Delaware Watershed Initiative Cluster participants. Project will offer support, oversight and capacity building with prospective, new and existing grant recipients. Project will increase the ability and capacity of organizations to develop, organize and carry out projects and generate results with the agricultural community that fulfill the environmental outcomes sought by both NFWF and the grantee.

\$30,000

**Riverhead Foundation for Marine
Research and Preservation**

Mid-Atlantic Bottlenose Dolphin Unusual
Mortality Event Emergency Support in
the Northeast Region (DE, MD, NJ, NY)

Build capacity for the Marine Mammal Stranding Network in the Northeast. Project will provide response and monitoring of the Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event.

\$99,960

Rutgers University

Climate Resilient Green Infrastructure
for the Raritan Basin

Implement green infrastructure in portions of the Raritan River Basin that are particularly vulnerable to climate change threats based upon impervious cover reduction action plans.

\$820,000

Rutgers University

Digital Mapping Services for
Hurricane Sandy Program

Provide NFWF a variety of digital mapping services to assist in the assessment of the U.S. Department of Interior Hurricane Sandy Coastal Resiliency Competitive Grants Program.

\$14,971

Rutgers University

Strengthening Marshes Creek Through
Green and Grey Infrastructure

Restore compromised Marshes Creek saltmarsh and alleviate flooding in the decades-old community of Tremley Point that adjoins the Creek in Linden using both green and grey infrastructure.

\$2,720,000

Stroud Water Research Center

Delaware River Watershed Technical Assistance Circuit Riders — Riparian Technical Assistance

Provide technical assistance with a focus on agricultural conservation to grantees and Delaware Watershed Initiative Cluster participants. Project will offer support, oversight and capacity building with prospective, new and existing grant recipients. Project will increase the ability and capacity of organizations to develop, organize and carry out projects and generate results with the agricultural community that fulfill the environmental outcomes sought by both NFWF and the grantee.
\$57,320

The Nature Conservancy

Restoring Paulins Kill Floodplain Forests and Functions

Restore naturally regenerating floodplain forests and improved ecological functions within a significantly degraded, permanently protected, and contiguous riparian corridor of the upper Paulins Kill.
\$99,759

University of California — Santa Cruz

Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.
\$99,982

Virginia Aquarium & Marine Science Center Foundation, Inc.

Response to the 2013 Dolphin Unusual Mortality Event

Aid in the investigation of the recently declared Unusual Mortality Event affecting bottlenose dolphins along the U.S. Atlantic Coast. Project will coordinate marine mammal stranding response and provide analysis on the cause of death.
\$65,332

Wildlife Management Institute

Sustaining Young Forest Habitat to Support At-Risk Species

Employ highly skilled conservation professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.
\$250,000

NEW MEXICO**Chama Peak Land Alliance**

San Juan-Rio Grande Riparian Stewardship Program (CO, NM)

Hire a full-time stewardship coordinator to connect private landowners with technical and financial resources to increase conservation in riparian habitats in southern Colorado and northern New Mexico. Project will increase and improve habitat for southwestern willow flycatcher by offering technical assistance to 1,500 private landowners.
\$75,000

Conservation Legacy

Navajo High School Crew (AZ, NM)

Lead a high school crew in completion of conservation projects on the Navajo Nation. Project will complete stream bank stabilization/restoration, trail maintenance, and wildlife fence repair and construction.
\$25,000

Conservation Legacy

Albuquerque Native American Urban Crew

Lead one crew of 10 Native American participants for four weeks in the fall of 2014 in partnership with La Plazita Institute, Inc. The crew will complete conservation service projects in the Department of Interior's (DOI) newest Fish and Wildlife Refuge Valle de Oro in Albuquerque as well as other DOI and tribal lands and waters.
\$25,000

Forest Guild, Inc.

Expanding Youth Outdoor Education and Employment

Recruit, hire and provide education and training in forestry, ecology, and natural resource management for a six-member youth crew to work with the Cuba and Jemez Ranger Districts in the Santa Fe National Forest for nine weeks during the summer. Project will include closing user-created routes in the forest, repairing and constructing fencing to protect riparian habitat, assessing and mitigating headcuts and gullies in streams, and improving 10 miles of degraded trails where they intersect with important springs.
\$38,735

Friends of Las Vegas National Wildlife Refuge

Friends of Las Vegas National Wildlife Refuge Strategic Development Plan

Create a strategic development plan to support the Northern New Mexico National Wildlife Refuge Complex. Project will result in a centralized, efficient tracking system and trained Friends members with the knowledge and tools necessary to build capacity for the entire complex.
\$5,000

Friends of the Bosque del Apache National Wildlife Refuge

Southwest Friends Peer-to-Peer Mentoring Workshop

Host a two-day mentoring workshop for 10 Friends groups. The workshop will consist of interactive, interest-driven sessions that will engage, educate and energize a new powerful network of Friends for Region II.
\$4,875

Friends of Valle de Oro National Wildlife Refuge

Friends of Valle de Oro National Wildlife Refuge Strategic Planning and Training
Train members on the strategic planning process. Project will result in a strategic plan with goals, objectives and action steps to fulfill the Friends' mission of supporting the refuge, fostering a conservation ethic, education and outreach, and assisting the U.S. fish and Wildlife Service in developing the new refuge site.
\$5,000

Rio Grande Agricultural Land Trust

Middle Rio Grande Southwestern Willow Flycatcher Habitat Program

Rio Grande Agricultural Land Trust will secure conservation easements and engage private landowners in conservation programs to improve and create habitat for southwestern willow flycatcher in the Middle Rio Grande. Project will promote quality flycatcher habitat and overall riparian habitat protection to support the Working Lands for Wildlife program.
\$79,986

Rocky Mountain Youth Corps

Pine Tree Loop Trail Rehabilitation

Lead crew of seven New Mexico youths in rehabilitation of the 4-mile Pine Tree Loop trail within the Organ Mountain Desert Peaks National Monument. Project will rehabilitate the 4-mile trail, clearing trail of rock debris and vegetation overgrowth, mitigating erosion on trail through installing or fixing in-place surface water controls, building up tread on trail, installing directional trail signs, and completing other trail maintenance needs.
\$12,000

Sawmill Community Land Trust

Arbolera de Vida Community Garden

Construct and manage a 1-acre community garden in Albuquerque's urban core. Project will take place on a former brownfield site in a low to moderate income neighborhood.
\$41,319

Student Conservation Association**Statewide Wilderness Study Areas**

Employ a team of five young adults to work for eight weeks on a variety of restoration projects in wilderness areas, wilderness study areas, and national monument lands under the care and stewardship of the Bureau of Land Management throughout New Mexico. The Restoration Team will restore wilderness areas by removing and naturalizing unwanted off-highway vehicle routes, installing vehicle barriers and improving opportunities for outdoor recreation by maintaining hiking and horseback riding trails.

\$10,000

Talking Talons Youth Leadership**Youth Crew Restoration Outreach along the Bosque**

Employ a six-member crew of urban and minority youth in conservation work that benefits public lands. Project will provide youth with in-depth education and training in diverse aspects of environmental restoration, monitoring and stewardship, as well as job and organizational skill development in event management, networking and facilitation of community outreach events.

\$47,322

NEW YORK**Alley Pond Environmental Center, Inc.****National Estuary Day Celebration at Alley Pond Park**

Conduct a National Estuary Day event for 250 people with exhibits and on-water activities, conduct a cleanup to reduce litter into Long Island Sound, and present educational programs at five schools in Queens. Project will celebrate and raise the visibility of the sound at the Festival of Little Neck Bay on the western end of Long Island Sound.

\$9,052

American Farmland Trust**Conservation Practices to Improve Farm Soil and Water Quality**

Work with 10 farm operators to adopt soil health and advanced nutrient management practices to reduce nitrogen fertilizer use by 20% on 15 acres of vegetable farms in Suffolk County, New York. Project will conduct outreach, design financial risk management, demonstrate on-farm best practices, monitor soil health and crop yield, and engage soil health leaders.

\$86,892

Azuero Earth Project**Promoting Toxin Free Lawns to Improve Water Quality**

Design and deliver a toxin-free lawn care program with education for homeowners and landscapers in the Long Island Sound watershed in Suffolk County, New York. Project will evaluate participant attitudes and motivations about lawn care, deliver toxin-free lawn care and measure chemical reductions on 75 acres of lawn.

\$32,789

Bronx River Alliance, Inc.**Bronx River Floatable Pollution Cleanup and Education**

Address the issue of floatable pollution entering Long Island Sound from the Bronx River by collecting 14,200 pounds of floatable in three locations. Project will have paddle and pick-ups to remove floatables along the river, at the city floatables collection boom, and a shoreline pick-up at Soundview Park on National Estuary Day.

\$10,000

City Parks Foundation**Coastal Habitat Restoration****Planning at Alley Pond Park**

Produce three restoration plans for up to 23 acres of tidal wetland and coastal forest in Alley Creek Watershed, New York. Project will develop designs, cost estimates, custom specifications and/or regulatory guidance using a community-driven model to inform habitat restoration and management of local parkland.

\$60,000

Connecticut Fund for the Environment**Sunken Meadow Comprehensive Resilience and Restoration Plan**

Impact more than 2 million visitors to Sunken Meadow State Park each year, strengthening the natural park ecosystem while promoting long-term resiliency and benefiting fish and wildlife.

\$2,500,000

Cornell University**Liquid Dairy Manure Technology Demonstration**

Lead efforts to demonstrate both a drag hose and tank-mounted injection system for liquid dairy manure application on agricultural lands in the Chesapeake Bay watershed.

\$21,842

Friends of Wertheim National**Wildlife Refuge, Inc.****Building Bridges to Birding at the Wertheim National Wildlife Refuge**

Create opportunities for bird watching and identification at the Wertheim National Wildlife Refuge Visitor Center. Project will foster an awareness and appreciation for birds as well as build community relations by introducing a diverse urban constituency to the wildlife of Long Island.

\$3,764

Gowanus Canal Conservancy**Bioswale Maintenance Certification Program**

Develop a community education and certification program that will engage community members in the stewardship of public green infrastructure measures. This project will train volunteer stewards and license them to maintain any public right of way bioswale in the city of New York with guidance from parks officials.

\$49,885

Groundwork Hudson Valley, Inc.**Groundwork-Walkill Connection: Fostering Urban River Stewards (NJ, NY)**

Improve access to the Saw Mill River so that residents living next to it can both protect and enjoy the river. Volunteers will restore riverbanks by removing invasives and planting native trees.

\$35,410

Groundwork USA**Restoration of Historic Concession at Gateway National Park**

Employ youth crews to restore the Bay 6 concession building, an historic facility damaged by Hurricane Sandy, at Gateway National Park. Project will have youths replace ceilings, install dry wall, refinish floors, and paint the interior and exterior, among other tasks.

\$47,028

Village of Sea Cliff, New York**Hempstead Harbor 2014 Water Quality Monitoring Program**

Conduct water quality monitoring of 14 physical chemical, and biological indicators of pollution in outer and inner Hempstead Harbor, New York. Project will collect water quality data, track improving and declining water quality, and produce and disseminate a report to assist in management efforts.

\$55,000

Manomet Center for Conservation Sciences**American Oystercatcher Recovery — V (MA, NJ, NY, RI, SC)**

Conserve and manage coastal habitat to help recover the population of American oystercatchers and associated beach nesting bird species in Massachusetts, Rhode Island, New York, New Jersey and South Carolina. Project will use best management practices to manage human disturbance and nest predation, and will help coordinate regional efforts to benefit American oystercatchers.

\$209,781

New Jersey Audubon Society**Coastal Impoundment Vulnerability and Resilience Assessment (MA, MD, ME, NH, NJ, NY, RI, VA)**

Safeguard societal and ecological values of coastal impoundments from storm surges and sea-level rise. Project will evaluate their vulnerability and identify restoration options that enhance resilience.

\$470,000

New York City Department of Environmental Protection

Jamaica Bay Head of Bay Oyster Restoration

Build upon previous oyster restoration projects and larvae modeling efforts to develop up to ½-acre donor and receiver oyster beds to evaluate oyster larvae recruitment.

\$1,000,000

New York City Department of Parks and Recreation

Bronx River Shoreline Restoration at Starlight Park

Project will re-naturalize armored waterfront, improve habitat and flood storage, create new wetland, remove contaminated soils, and enhance stormwater management along eleven acres.

\$4,400,000

New York City Department of Parks and Recreation

Coney Island Coastal Resilience Greenstreets Project

Project will install about 14 “greenstreets,” planted areas in the right-of-way engineered to capture stormwater, in Brighton Beach, located on the Coney Island peninsula of Brooklyn.

\$990,000

New York City Department of Parks and Recreation

Spring Creek Saltmarsh and Coastal Upland Restoration

Restore 11 acres of saltmarsh and 16 acres of coastal upland in Spring Creek Park, a Jamaica Bay tributary. Benefits include increased fish and wildlife habitat and community resilience.

\$4,270,000

New York City Department of Parks and Recreation

Stream Daylighting Plan for Water Quality and Resiliency

Develop a master plan for the daylighting of Tibbetts Brook to restore flow to the Harlem River for increased storm resiliency, improved water quality and enhanced ecological services.

\$250,000

New York City Department of Parks and Recreation

Sunset Cove Saltmarsh and Maritime Forest Restoration

Restore up to 5 acres of wetland and 7 acres of coastal upland habitat in Broad Channel Island. The restored saltmarsh and maritime forest will increase ecological function and storm resiliency.

\$4,850,000

New York City Department of Parks and Recreation

Tackling Mile-a-Minute Invasive Plant at Pelham Bay Park

Tackle control of mile-a-minute on 60 acres of coastal forest and grassland at Pelham Bay Park. Project will apply mechanical, chemical and biological controls targeted to site conditions and infestation level, and then plant areas with 4,000 trees and 2,000 shrubs assisted by 15 volunteers.

\$150,000

Northeastern Regional Association of Coastal and Ocean Observing Systems

Improving Northeast Coast Storm-Related Data Interpretation and Accessibility

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.

\$520,000

Onondaga Environmental Institute

Restoring Native Brook Trout in Onondaga Creek

Install in-stream structures and stabilize stream banks at five sites along Onondaga Creek within the Onondaga Nation territory of New York. Project will improve stream connectivity, riparian habitat and canopy cover to improve habitat for brook trout and other fish species.

\$176,880

Oswego County Soil and Water Conservation District

Cayuga Inlet Hydrilla Eradication

Utilize extensive monitoring, sampling, education, outreach and in-field herbicide treatments to eradicate hydrilla in the Cayuga Inlet. Project will prevent hydrilla from spreading into Cayuga Lake and beyond.

\$75,000

Peconic Green Growth, Inc

Developing Innovative Residential Sewage Treatment Alternatives to Improve Water Quality

Analyze and plan for innovative, clustered, decentralized wastewater treatment for five clusters, approximately 354 homes, in Orient, New York. Project will assess alternative treatment types, prepare engineering designs and costs, and research management, financial and organizational options for site-based decentralized wastewater treatment to reduce nitrogen loading into the aquifer and surface waters of Long Island Sound 50%-90%.

\$60,000

RESOLVE, Inc.

Delaware River Restoration Circuit Rider — Agriculture Technical Assistance

Provide technical assistance with a focus on agricultural conservation to grantees and Delaware Watershed Initiative Cluster participants. Project will offer support, oversight and capacity building with prospective, new and existing grant recipients. Project will increase the ability and capacity of organizations to develop, organize and carry out projects and generate results with the agricultural community that fulfill the environmental outcomes sought by both NFWF and the grantee.

\$30,000

Riverhead Foundation for Marine Research and Preservation

Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event Emergency Support in the Northeast Region (DE, MD, NJ, NY)

Build capacity for the Marine Mammal Stranding Network in the Northeast. Project will provide response and monitoring of the Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event.

\$99,960

Rockaway Waterfront Alliance, Inc.

Shore Corps: Green Stewards Youth Workforce Program

Expand the Shore Corps program, a workforce training program for underserved youth in Far Rockaway, Queens. In collaboration with the U.S. Forest Service, the internship program will build leadership, stewardship and job skills of 20 young people over an 18-month period and expose them to mentors and careers in conservation and environmental science and education.

\$50,000

Shinnecock Indian Nation

Shinnecock Coastal Resiliency and Habitat Restoration

Restore natural resiliency and ecological diversity to about 3,250 feet of shoreline at the Shinnecock Reservation on the eastern shore of Shinnecock Bay that was destroyed by Hurricane Sandy.

\$3,750,000

Skeo Solutions

Toughnioga River Urban Headwaters Green Infrastructure Plan

Create a prioritized action plan to reduce stormwater impacts in Cortland. Project will establish an innovative green infrastructure model to improve water quality of former working waterfronts in small, industrial cities.

\$39,905

Stroud Water Research Center

Delaware River Watershed Technical Assistance Circuit Riders — Riparian Technical Assistance

Provide technical assistance with a focus on agricultural conservation to grantees and Delaware Watershed Initiative Cluster participants. Project will offer support, oversight and capacity building with prospective, new and existing grant recipients. Project will increase the ability and capacity of organizations to develop, organize and carry out projects and generate results with the agricultural community that fulfill the environmental outcomes sought by both NFWF and the grantee.
\$57,320

Suffolk County Department of Economic Development and Planning

Coastal Resiliency via Integrated Saltmarsh Management

Restore about 400 acres of tidal wetlands and build capacity to rehabilitate 1,500 acres. Integrated marsh management techniques applied at Wertheim National Wildlife Refuge will be extended to state, county and town wetlands.
\$1,310,000

Susquehanna River Basin Commission

Reducing Sediment Inputs from Marcellus Shale into Streams in the Susquehanna River Basin (NY, PA)

Evaluate 3-plus years of monitoring data and develop an outreach program of innovative strategies to reduce sediment inputs to streams through improvements to stormwater management.
\$194,075

The Nature Conservancy, New York

Ausable Watershed Priority Culvert Upgrade Projects

Replace at least three culverts in New York's Ausable River watershed with designs that will restore fish passage to at least 25 miles of streams, mitigate future flooding and reduce communities' maintenance costs.
\$620,000

The Seneca Nation of Indians

Allegheny River/Reservoir Restoration and Resiliency Project

Create a healthier habitat for aquatic species within the Allegheny Reservoir through restoration activities of in-stream habitat, hydrology and stream connectivity, and flood plain enhancement.
\$350,000

Tioga County Soil and Water Conservation District

An Approach for Natural Infrastructure Restoration in Tioga County, New York

Use aquatic habitats to locate restoration sites that also reduce sediment and nutrients. Project will design three large

natural infrastructure projects that will have significant flood water storage, nutrient and sediment reductions and increased habit acreage.
\$80,505

Tioga County Soil and Water Conservation District

A Comprehensive Conservation Riparian Buffer Approach in New York

Offer fresh incentives to farmers hesitant to participate in traditional buffer programs while continuing to use conventional programs to provide a variety of cost-share options.
\$300,000

University of California — Santa Cruz

Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.
\$99,982

University of Maryland Center for Environmental Science

Building the Long Island Sound Report Card (CT, NY)

Build capacity to sustain ecosystem health report cards in the Long Island Sound watershed in New York and Connecticut. Project will expand capacity of local groups in science communication, data integration, and report card development to create a template for executing a strategic communications strategy.
\$99,156

Virginia Aquarium & Marine Science Center Foundation, Inc.

Response to the 2013 Dolphin Unusual Mortality Event

Aid in the investigation of the recently declared Unusual Mortality Event affecting bottlenose dolphins along the U.S. Atlantic Coast. Project will coordinate marine mammal stranding response and provide analysis on the cause of death.
\$65,332

Wildlife Management Institute

Northeast Forests Conservation for Declining Species (CT, MA, ME, NH, NY, RI, VT)

Support several highly experienced and networked habitat biologists to deliver technical assistance in high-priority areas to benefit New England cottontail, golden-winged warbler, and American woodcock. Project will support coordination of research efforts, field test study design, sample analysis and increasing early successional habitat.
\$250,000

Wildlife Management Institute
Sustaining Young Forest Habitat to Support At-Risk Species

Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.
\$250,000

NORTH CAROLINA**Carolina Mountain Land Conservancy, Inc.**

Hickory Nut Gorge Weed Management — II

Control non-native invasive plant species in Hickory Nut Gorge southeast of Asheville, North Carolina. Project will control invasive species, protect and enhance native habitat and rare communities and educate landowners about the threats posed by non-native invasive species.
\$70,000

Riverhead Foundation for Marine Research and Preservation

Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event Emergency Support in the Southeast Region (FL, GA, NC, SC, VA)

Build capacity for the Marine Mammal Stranding Network in the Southeast. Project will provide response and monitoring of the Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event.
\$99,960

The Nature Conservancy

Onslow Bight Longleaf Pine Ecosystem Restoration — II

Enhance the longleaf ecosystem on existing conservation and private lands to further the ecological functioning of the Onslow Bight landscape. Project outcomes will include mid-story treatment and planting of longleaf pine on about 150 acres of The Nature Conservancy (TNC) land and firebreak construction and prescribed burning on about 4,000 acres of state and TNC lands.
\$300,000

The Nature Conservancy — North Carolina Chapter

North Carolina Sandhills Longleaf Restoration Task Force — II

Expand longleaf enhancement on protected and private lands in the North Carolina Sandhills Significant Geographic Area. Project outcomes will include restoration of 400 acres of longleaf pine, enhancement of over 10,000 acres of existing longleaf habitat, primarily through prescribed fire and over 120 private landowners engaged in longleaf restoration through outreach and technical assistance.
\$300,000

The University of North Carolina Charlotte
The Butterfly Highway:
Connecting People and Nature
Create new habitats for butterflies and other wild pollinator species in underserved neighborhoods in the city of Charlotte. This project will have both social and environmental outcomes.
\$33,673

University of California — Santa Cruz
Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)
Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.
\$99,982

Virginia Aquarium & Marine Science Center Foundation, Inc.
Response to the 2013 Dolphin Unusual Mortality Event
Aid in the investigation of the recently declared Unusual Mortality Event affecting bottlenose dolphins along the U.S. Atlantic Coast. Project will coordinate marine mammal stranding response and provide analysis on the cause of death.
\$65,332

NORTH DAKOTA

River Keepers
Reforestation the Red (MN, ND)
Restore degraded riparian forest added to public ownership. Forest restoration project will improve water quality and develop public appreciation and use of urban stormwater best management practices.
\$38,522

Rocky Mountain Bird Observatory
Business Plan and Monitoring Framework for Grassland Birds in the Northern Great Plains
Develop grassland bird conservation goals and strategies to benefit the Northern Great Plains. Project will expand existing monitoring program to better measure conservation action impacts on bird populations.
\$184,059

OHIO

Association of State Floodplain Managers
Improving Community Resiliency through the National Flood Insurance Program Community Rating System (OH, RI)
Significantly reduce communities' vulnerability to the growing risks of coastal storms, sea level rise, flooding, erosion and associated threats.
\$350,000

Black Swamp Conservancy
Restoring Great Black Swamp
Improve aquatic habitat along 1,300 feet of stream and restore adjacent wetlands and forest within the Upper Maumee River watershed. Project will improve water quality, enhance in-stream and riparian habitat, and reconnect the stream with the restored floodplain wetlands.
\$95,000

Conservancy for Cuyahoga Valley National Park
Restoring Riparian Habitat in the Cuyahoga River Watershed
Control invasive plant species on riparian and upland habitat and restore forest habitat in Cuyahoga Valley National Park. Project will improve habitat on 136 acres and will address a priority habitat project within the Cuyahoga River Area of Concern.
\$124,000

Cuyahoga River Community Planning Organization
Fish Habitat Improvement in the Cuyahoga River Ship Channel
Create five areas of fish habitat along industrial ship channel bulkhead using structures designed to mimic the functions of natural habitat. Project will provide habitat needed by fish, connect upstream and downstream habitat, and contribute to delisting the beneficial use impairments for loss of fish and wildlife habitat and degradation of fish and wildlife populations in the Cuyahoga River area of concern.
\$293,221

Doan Brook Watershed Partnership
Improving Fish Passage and Aquatic Habitat in Doan Brook
Remove a failed debris rack in Doan Brook within the Cuyahoga River Area of Concern. Project will eliminate a fish passage barrier and improve hydrology and in-stream habitat along 300 feet of the stream.
\$179,927

Northeastern Regional Association of Coastal and Ocean Observing Systems
Improving Northeast Coast Storm-Related Data Interpretation and Accessibility
Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.
\$520,000

Ohio Department of Natural Resources
Beaver Creek State Park Forest Reclamation and Planning
Implement forest-management activities at Beaver Creek State Park. Project will create 5 acres of early successional habitat and

41 acres of mature forest habitat to benefit cerulean warblers.
\$80,563

Wildlife Management Institute
Sustaining Young Forest Habitat to Support At-Risk Species
Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.
\$250,000

OKLAHOMA

American YouthWorks
Texas Conservation Corps Sustainable Recreation (OK, TX)
Recruit, train, and equip two teams of eight young adults from a multi-state and largely urban area to work in collaboration with Conservation Corps and Bureau of Reclamation staff. Corps members will flag and GPS the trail system, including the inventory of any important natural features and sustainable trail challenges, and create a GIS map, database, analysis and trail narrative for submittal to Reclamation staff for review.
\$30,000

OREGON

Briana Goodwin
Contractor for Marine Debris Action Coordination Team's West Coast Database (CA, OR, WA)
Provide administrative support to the Marine Debris Action Coordination Team's West Coast Marine Debris Database. The contractor will ensure active engagement and coordination, and will help to accomplish the team's work plan.
\$17,500

Bureau of Land Management — Winnemucca District
Using Riders to Restore Grazed Riparian Bird Habitat (NV, OR)
Use riders, spring protection, seeding, planting and weed treatment to restore riparian areas grazed by livestock. Project will be a collaborative effort among several agencies and stakeholders.
\$50,000

EnviroIssues
Facilitating the Federal Family Executive Leadership Sage-Grouse Meetings (CO, OR)
Facilitate Federal Family Executive Leadership Sage-Grouse meetings in Portland, Oregon and Denver, Colorado.
\$27,870

Environment for the Americas

Celebrate Shorebirds: Celebrate Aves Playeras

Expand paid internships to eight Latino youths and partner with U.S. Fish and Wildlife Service, Bureau of Land Management, and U.S. Forest Service sites in four states to provide training and research. Interns will receive conservation education and training in shorebird identification, mentoring from natural resource professionals and be exposed to research and education techniques.

\$81,914

Fathom Consulting

Incorporating Closed Areas into Catch Share Management (CA, OR, WA)

Incorporate closed areas into catch share management of the West Coast groundfish fishery. Project will develop and advance a collaborative proposal to reconfigure the Trawl Rockfish Conservation Area as part of post-rationalization management for West Coast groundfish. Specific activities include guiding post-catch share efforts to balance the goals of rebuilding with those of accessing target stocks; inform how under-sampled but productive, high-relief rocky habitats are contributing to the rebuilding of constraining species; and inform bycatch avoidance plans of risk pools, fishing associations and individual fishermen.

\$85,000

Heart of Oregon Corps, Inc.

Tomorrow's Conservationists: Youth at Work in Central Oregon

Employ 14 rural youths ages 16-18 in environmental and natural resources stewardship across four watersheds in the Ochoco National Forest. Youth will engage in mentoring relationships with natural resource professionals and crew leaders, and will be exposed to vital professional and educational opportunities that will facilitate and nurture their profession growth for life-long careers.

\$49,500

Klamath Basin Rangeland Trust

Sun Creek Historic Channel Reconnection

Reconnect Sun Creek to the Wood River via the creation of a new Sun Creek stream corridor. Project will allow for the expansion of isolated bull trout and redband trout populations into their historic range.

\$60,000

Klamath Basin Rangeland Trust

Deming Creek Critical Flow Restoration and Fish Passage

Permanently transfer instream water rights on Deming Creek to restore fish passage and connectivity for redband and bull trout, and to improve water quality for suckers.

\$200,000

Klamath Bird Observatory

Bird Banding Internships for Underserved Community Youth (CA, OR)

Partner with the Bureau of Land Management, U.S. Forest Service, and U.S. Fish and Wildlife Service to expand an internship program and improve outreach to underserved communities, including Native American and Hispanic youths. Program expansion will create four six-month internship positions that will provide training and practical experience in bird monitoring techniques, with an emphasis on bird banding, foster an academic approach to learning and a well-rounded curriculum in field biology, and provide an opportunity to attain bird bander certification through the North American Banding Council.

\$60,804

Lower Columbia River Estuary Partnership

Gladstone Parks Habitat, Education and Job Readiness

Expand natural area restoration on four acres at Meldrum Bar and Cross Parks. At-risk youth, students and volunteers will remove invasive plants and install native plants.

\$41,537

Oregon Water Resources Department

Flow Gauges for the Upper Klamath Basin

Install 12 flow gauges in the Upper Klamath Basin and maintain them for one year.

\$285,000

Phoenix School of Roseburg

Umpqua Resource Pathway

Employ youths within Douglas County for natural resource restoration and survey work. Project will offer opportunities to earn professional experience and college credits.

\$45,223

Point 97

Semantic Web Technology for Marine Debris

Convene a Data Portal Developer Team to create a web-based tool that will meet the specific needs of the West Coast Governors Alliance's Marine Debris and Regional Data Framework programs by using semantic web technology and case development methods. Point 97 will identify the sources, sinks, environmental transport mechanisms and human drivers of marine debris on land and in the coastal environment.

\$110,000

Point 97

West Coast Ocean Data Portal Enhancements and Upgrades

Improve the West Coast Ocean Data Portal by increasing its usability and functionality. Project will provide support and information on the regional ocean management issues identified by the West Coast Governors Alliance and West Coast Regional Planning Body.

\$20,000

Port Orford Ocean Resource Team

Business Planning to Support Financial Viability of the Port Orford Fishing Fleet

Develop financial goals and reports for Port Orford Ocean Resource Team's Community Fishing Association in Oregon. Project will secure technical and financial expertise and engage fishermen to develop an application for credit to purchase permits and quota.

\$50,000

The Freshwater Trust

Upper Sandy River Basin Aquatic Habitat Restoration

Accelerate priority habitat restoration within the stream channels and riparian areas of Salmon River and Still Creek to improve fish habitat and watershed function. This project will increase production and survival of juvenile and adult coho salmon, spring Chinook salmon, winter steelhead, cutthroat trout and lamprey.

\$50,000

Tillamook Estuaries Partnership

Growing Job Skills for Youth through Native Plants Restoration

Engage young adults in the propagation of native plants to restore riparian, wetland and upland landscape in northwest Oregon. Project will involve more than 60 young adults involved in all aspects of native plant propagation and restoration and teach valuable on-the-job skills for a career in landscape restoration.

\$74,875

Trout Unlimited, Inc.

Lahontan Cutthroat Trout Conservation (CA, NV, OR)

Provide support for a Lahontan Cutthroat Trout (LCT) Coordinator who hires, trains and supervises range-wide field crews, coordinates communication and collaboration among stakeholders in LCT recovery and works on public and private landowner outreach and education. Project will also support Nevada Department of Wildlife's Safe Harbors Biologist who is responsible for monitoring and oversight of private-lands agreements to enable LCT recovery projects on private lands.

\$450,288

Verde, Inc.

Building Cully Park

Transform a 25-acre brownfield into accessible environmental infrastructure that restores habitat, improves water quality, engages the community, and provides green jobs. Project includes restoration of a 3.28-acre area.

\$50,000

PENNSYLVANIA

Allegheny College

Comparing Land Use and Fish Communities in the French Creek Watershed — II

Bio-assess 20 previously unassessed streams in the French Creek watershed, a stream with especially high fish biodiversity. Project will compare fish communities and presence of eastern brook trout to watershed land use activities.

\$5,000

Allegheny Land Trust

Raising Dead Man's Hollow

Through Community Service

Restore Dead Man's Hollow, 440 acres of conserved woodlands in Lincoln Borough by funding an AmeriCorps employee to implement an extensive management plan and outreach. This project will mobilize resources to implement the Dead Man's Hollow Trail Plan, restore the ecology of the area, and enhance the visitor experience.

\$38,825

Alliance for the Chesapeake Bay, Inc.

Reducing Private Property Stormwater in Yellow Breeches and Middle James River (PA, VA)

Accelerate stormwater best management practice installations on private property in two small watersheds in Pennsylvania and Virginia. Project will use social marketing campaign, resource refinement, technical training, and cost-share programs to help promote and install these best management practices.

\$200,000

American Rivers, Inc.

Community-Based Herring Restoration in the Chesapeake Bay (MD, PA, VA)

Develop a model for landowner engagement. Project will use this model to increase future priority private land restoration project success rates.

\$179,997

Berks County Conservancy

Berks Conservancy Middle Schuylkill

Best Management Practices

Install agriculture best management practices to reduce nutrients available to surface, ground, storm and drinking waters. Best management practices will be developed with the Natural Resources Conservation Service in Conservation and Nutrient Plans and include manure storage, decommissioning of failed practices, stormwater, barnyard, silo, and milkhouse controls, grazing and streambank fencing, stream crossings, riparian buffers, and cover crops.

\$300,000

Brandywine Conservancy, Inc.

Brandywine-Christina Watershed Restoration

Restore water quality in the Delaware River watershed by implementing agricultural best management practices. The "whole farm" projects will complete conservation planning and prescribed practices.

\$250,000

Brandywine Valley Association, Inc

Improving Water Quality in the

Brandywine-Christina Basin

Apply innovative as well as time-tested techniques to restore three "red" streams (impaired) to "blue" (unimpaired) in the Brandywine-Christina Basin. Restoration will incorporate streambank stabilization, in-stream structures and a planted buffer of native grasses, trees and shrubs.

\$300,000

Brodhead Watershed Association

Green Infrastructure Plan for Lower Brodhead Watershed

Work with municipal partners and the Monroe County Planning Commission and Conservation District to identify sources of fecal coliform and other impacts to Brodhead Creek. Project will also develop a green infrastructure plan to reduce polluted run-off entering the streams, identify green infrastructure opportunities, and craft conceptual plans of appropriate projects.

\$62,804

Bucknell University

Sampling Unassessed Streams in Central Pennsylvania

Survey at least 40 unassessed streams for eastern brook trout. Project will determine presence of brook trout and offer at least two Bucknell undergraduate students the opportunity for fieldwork experience. Data will be used in the permitting process for new development.

\$11,000

California University of Pennsylvania

Eastern Brook Trout Sampling in Westmoreland and Fayette Counties

Sample brook trout populations from 20 previously unassessed streams utilizing methodology established by the Pennsylvania Fish and Boat Commission. Project will identify, enumerate, and release fish, collect physical habitat data, collect water quality data, and data will be used in the permitting process for new development.

\$5,000

Center for Watershed Protection, Inc.

Implementation of Cooperative Chesapeake Bay Pollution Reduction Plan for Pennsylvania Counties

Move the York County and Blair County Municipal Separate Storm Sewer System work groups from the planning phase to the implementation phase. Project will also develop a case study on the cooperative

approach to municipal separate storm sewer system program compliance.

\$33,153

Chesapeake Bay Foundation, Inc.

Cost-Effective Solutions for Accelerating the Reduction of Nutrient and Sediment Pollution in the Juniata River Basin

Demonstrate strategic and cost-effective solutions for accelerating the reduction of nutrient and sediment pollution. The project will provide a framework for a robust partnership in the Juniata Basin that maximizes technical assistance capacity, conservation planning assistance, and agricultural best management practice implementation.

\$200,000

Chiques Creek Watershed Alliance

Floodplain Restoration in Logan Park

Restore Rife Run floodplain in Logan Park, Pennsylvania. Project will realign the stream channel, create wetlands and improve regional water quality by removing legacy sediment.

\$200,000

Delaware River Waterfront Corporation

Pier 68 Park Restoration

Restore Pier 68 and surrounding habitat areas. Project will create a public park with recreational, educational and stewardship opportunities on Philadelphia's central Delaware River waterfront.

\$75,000

Delaware Valley Regional

Planning Commission

Building Climate Hazard Resiliency in Chester City

Create a green stormwater infrastructure plan and demonstration project, build resiliency in neighboring municipalities, and address repetitive loss properties in Chester.

\$290,001

Friends of Great Swamp National

Wildlife Refuge, Inc.

Friends of New Jersey and Eastern Pennsylvania Refuges Peer-to-Peer Coaching

Host a two-day meeting for seven Friends groups to facilitate exchanging ideas, sharing expertise, networking, capacity building and educational instruction.

\$4,900

Indiana University of Pennsylvania

Research Institute

Delivering Farm Bill Programs Supporting

Bog Turtle and Golden-Winged Warbler

Support existing conservation planner and forester positions to continue to meet demand to assist the Natural Resources Conservation Service with delivery of conservation programs to benefit golden-winged warbler and bog turtle. Project will result in increasing golden-winged warbler populations in an effort to prevent Endangered Species Act listing, as well as bolstered populations of bog turtles.

\$214,659

Juniata College**Assessing Streams for the Presence of Wild Brook Trout**

Assess 75 or more streams in central and northwestern Pennsylvania for the presence of eastern brook trout. Project will determine abundance of wild brook trout in these streams and the data will be used in the permitting process for new development.
\$21,624

Lancaster Farmland Trust**Building a Framework for Restoration in Upper Leacock Township**

Gather data from stewardship consultations with all 45 farms in the sub-watershed of the Mill Creek. Project will develop an agricultural best management practice's implementation plan for the area.
\$26,165

Lancaster Farmland Trust**Elevating Farms Beyond Compliance in the Pequea Creek Watershed**

Implement a suite of best management practices on six strategic farms in the Pequea Creek Watershed. Project will enroll farmers in a continuous improvement program to elevate farms beyond compliance.
\$383,744

LandStudies**Hemlock Township Fishing Creek Watershed Assessment**

Address the significant flooding that in September 2011 devastated the Fishing Creek Watershed. Project will assess the stream corridor and create a plan which will guide restoration priorities and expedite implementation.
\$30,000

LandStudies**Shickshinny Riverfront Green Infrastructure Masterplan**

Develop a master plan to address the significant flooding that in September 2011 devastated the town of Shickshinny. Project will assess the feasibility of proposed storm-water management and green infrastructure improvements, perform cost-benefit analyses on proposed recommendations with a focus on water quality and flood mitigation, provide prioritization and include a visual assessment.
\$20,000

LandStudies**Lake Lehman Habitat Remediation**

Develop a plan for possible dam removal to improve the existing conditions of the sediment load at Lake Lehman and to create wetlands.
\$38,954

Lock Haven University of Pennsylvania**Surveying Upper West Branch Susquehanna River Watersheds**

Sample a minimum of 20 unassessed streams from the West Branch Susquehanna River. Project will determine presence of eastern brook trout and also complete sampling on some listed streams that were not sampled in 2012 and 2013.
\$5,000

Lower Merion Conservancy**East Branch of Indian Creek Stormwater Management Initiative**

Lead four projects focused on improving water quality, streamside buffers and habitat, stormwater infiltration and community engagement. Project will include conducting stream bank plantings, creating rain gardens along an active pedestrian street, installing residential-scale rainwater management devices at a local library and completing a major streambank stabilization project.
\$179,000

Lycoming College**Sampling Unassessed Waters in the Upper Pine Creek Watershed**

Sample at least 40 previously unassessed waters in the upper Pine Creek watershed. Project will detect presence of eastern brook trout and data will be used in the permitting process for new development.
\$11,000

National Audubon Society, Inc.**NESt (Neighborhood Environmental Stewardship)**

Implement a community engagement project in Philadelphia, providing innovative programs and habitat restoration work at the refuge, at schools and in neighborhoods. This project will implement hands-on programming at the John Heinz National Wildlife Refuge, at schools, and in neighborhoods to increase the quality of habitat for birds and create better communities.
\$29,999

Northeastern Regional Association of Coastal and Ocean Observing Systems**Improving Northeast Coast Storm-Related Data Interpretation and Accessibility**

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.
\$520,000

Pennsylvania Resources Council**Creating Rain Gardens in the Darby-Cobbs Watershed**

Create five high-visibility rain gardens in the Darby-Cobbs watershed as demonstration projects and catalysts for capacity building on watershed stewardship best management practices via educational workshops.
\$51,290

Pennypack Ecological Restoration Trust**Pennypack Watershed Stormwater Treatment Wetland**

Establish a stormwater treatment wetland in the Pennypack watershed to capture stormwater runoff from an upgradient residential subdivision of approximately 40 acres, and from approximately 20 acres of pasture and woodlands on the College Settlement property.
\$165,000

Pheasants Forever, Inc.**Providing Technical Assistance to Landowners in the Chesapeake Bay Watershed**

Support six Farm Bill biologists in Pennsylvania. Project will provide technical assistance to landowners in identified priority areas, primarily delivering Conservation Reserve Enhancement Program practices.
\$418,830

Red Barn Consulting, Inc.**Developing Nutrient Management Plans for Manure Injection**

Deliver nutrient management programs based on manure injection. Project will compare the manure injection nutrient management programs to traditional surface broadcasting for 120 to 200 clients in the south-central Pennsylvania.
\$60,000

RESOLVE, Inc.**Delaware River Restoration Circuit Rider — Agriculture Technical Assistance**

Provide technical assistance with a focus on agricultural conservation to grantees and Delaware Watershed Initiative Cluster participants. Project will offer support, oversight and capacity building with prospective, new and existing grant recipients. Project will increase the ability and capacity of organizations to develop, organize and carry out projects and generate results with the agricultural community that fulfill the environmental outcomes sought by both NFWF and the grantee.
\$30,000

**Stroud Water Research Center
Flood Attenuation and Resiliency in the Mid-Atlantic (DE, PA)**

Project will reconnect floodplains, restore wetlands, plant riparian forest buffers, install level-lip spreaders and restore natural wood loads to streams to slow and dampen the flood wave.
\$3,029,999

Stroud Water Research Center**Leveraging Agricultural Best Management Practices and Forested Buffers for Middle Schuylkill**

Provide technical and financial assistance for whole farm conservation that includes wide forested buffers, using Stroud Water Research Center's "raise the bar" approach.
\$300,000

Stroud Water Research Center**Whole Farm Conservation with Forested Buffers in the Lower Susquehanna and Upper Potomac Valleys**

Implement whole farm conservation in Lancaster County, Pennsylvania. Project will conserve and plant forested buffers on 16-plus targeted farms in the area.
\$449,864

Stroud Water Research Center**Delaware River Watershed Technical Assistance Circuit Riders — Riparian Technical Assistance**

Provide technical assistance with a focus on agricultural conservation to grantees and Delaware Watershed Initiative Cluster participants. Project will offer support, oversight and capacity building with prospective, new and existing grant recipients. Project will increase the ability and capacity of organizations to develop, organize and carry out projects and generate results with the agricultural community that fulfill the environmental outcomes sought by both NFWF and the grantee.
\$57,320

Susquehanna River Basin Commission**Reducing Sediment Inputs from Marcellus Shale into Streams in the Susquehanna River Basin (NY, PA)**

Evaluate 3-plus years of monitoring data and develop an outreach program of innovative strategies to reduce sediment inputs to streams through improvements to storm-water management.
\$194,075

Susquehanna University**Wild Trout Sampling in the Susquehanna River Basin**

Sample 75 previously unassessed tributaries in the Susquehanna River Basin. Project will determine presence of eastern brook trout while also collecting additional data on benthic macroinvertebrates; data will be used in the permitting process for new development.
\$22,000

Susquehanna University**Sampling Unassessed Waters in North Central Pennsylvania**

Sample at least 75 previously unassessed streams in north central Pennsylvania and collect data on the presence of eastern brook trout. Project will also gather information on macroinvertebrate and algal communities and data will be used in the permitting process for new development.
\$22,000

Temple University**Green Neighborhood Tool Kit**

Develop green neighborhood tool kits and train community-based organizations serving Philadelphia low-income neighborhoods. This project will educate and empower residents to take actions that improve sustainability.
\$25,000

The Conservation Fund**Permanently Protecting Cherry Valley Conservation Lands**

Permanently protect 4,662 acres to serve as the keystone property in the Cherry Valley National Wildlife Refuge. Project will conserve the property that will create a contiguous corridor of more than 75,000 acres by linking the newly-created refuge with the 70,000-acre Delaware Water Gap National Recreation Area, in addition to connecting the refuge with thousands of acres of protected lands along the 2,180-mile Appalachian Trail. It serves as habitat for bog turtles, raptors and neotropical migrant songbirds.
\$500,000

The Pennsylvania State University**Surveying Eastern Brook Trout in Unassessed Waters Statewide**

Sample 75 previously unassessed sites in the summer of 2014 that are considered "Unassessed Trout Waters" by the Pennsylvania Fish and Boat Commission. Project will follow sampling protocols, determine presence of eastern brook trout and use the resulting data in the permitting process for new development.
\$22,000

The Trust for Public Land**Strategic Investment Plan for Western Pennsylvania**

Develop a restoration strategy to improve critical habitats and populations of keystone species in western Pennsylvania.
\$98,845

Tookany / Tacony-Frankford**Watershed Partnership****Jenkintown Creek Restoration**

Install a rain garden and bioswale to convey, store, and infiltrate stormwater from a parking lot and driveway on the 50-acre Abington Friends School campus. Project will install a stream buffer along 500 feet of the headwaters of the Jenkintown Creek.
\$155,000

Trout Unlimited, Inc.**Aquatic Organism Passage and Sediment Reduction in Kettle Creek**

Continue 15 years of Kettle Creek watershed restoration work by replacing a culvert. Project will increase cold-water habitat and reduce sediment erosion.
\$152,890

Trout Unlimited, Inc.**Sampling Unassessed Streams in Kettle Creek and Redbank Creek Watersheds**

Sample a minimum of 75 previously unassessed streams in the Redbank Creek and Kettle Creek (Hammersley Fork and Cross Fork) watersheds. Project will detect presence of eastern brook trout and use the data in the permitting process for new development.
\$22,000

Trout Unlimited, Inc.**Surveying Unassessed Streams in the Delaware River Basin**

Survey 75 previously unassessed streams in high-priority areas of the Delaware River basin in Pennsylvania. Project will document presence of the eastern brook trout and the data will be used in the permitting process for new development.
\$22,000

University of California — Santa Cruz**Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)**

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.
\$99,982

University of Maryland**Environmental Finance Center****City of Scranton Stormwater Asset Management**

Assess the current state of stormwater in the City of Scranton and provide financing recommendations to help the City pay for a transition from a reactive to a proactive approach.
\$40,000

Water Words That Work, LLC**Promoting Stormwater Financing Strategies Along the Susquehanna**

Provide message research and development services to help the Foundation for Pennsylvania Watersheds educate the community on the benefits of the stormwater authority.
\$34,238

Western Pennsylvania Conservancy**Kettle Creek and Potomac River Unassessed Waters Sampling**

Sample a minimum of 40 previously unassessed streams in the Kettle Creek and Potomac watersheds. Project will provide data on presence of eastern brook trout and other wild trout that can be used in the permitting process for new development.
\$10,000

Wildlife Management Institute**Sustaining Young Forest Habitat to Support At-Risk Species**

Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.

\$250,000

PUERTO RICO**Island Conservation****Desecheo Island Seabird Restoration**

Partner with the U.S. Fish and Wildlife Service to complete the implementation of a multi-year project to remove invasive rhesus macaques from Desecheo Island, Puerto Rico. Project will help restore critical seabird nesting habitat on the island.

\$65,000

Point 97**Digital Deck Expansion for****Fisheries Data Reporting**

Leverage the success of a pilot project by expanding the use of the Digital Deck catch report application to at least 15 fishermen from Puerto Rico, improve a desktop application for anglers who lack access to mobile technology, and develop a roadmap for full implementation and adoption of the Digital Deck system in Puerto Rico.

\$75,000

PortMap Remote Ocean Sensing Pty Ltd**Connectivity and Thermal History Tools for Managers to Understand Resilience of U.S. Coral Reefs (FL, HI, LA, TX)**

Increase public awareness of the status and threats to global coral reefs. Project will develop a suite of products for delivery via the Coral Reef Watch website describing temperature statistics experienced at coral reef locations worldwide and maps of coral reef connectivity and its role in recovery from disturbance.

\$127,237

Protectores de Cuencas, Inc.**Acceleration of Watershed Restoration Efforts Upstream of Coral Reefs in Puerto Rico**

Accelerate restoration efforts in priority Puerto Rico watersheds, stabilize over 20 acres of drainage area and reforest over 10 acres of land by constructing a native and conservation plant nursery. Project will yield up to 10,000 native trees and 10,000 vetiver plants over two years, which will stabilize soils and prevent erosion and run-off to coral reef systems downstream.

\$75,000

Puerto Rico Conservation Trust Fund**Protecting Landscapes for Regional and National Conservation**

Purchase two parcels of land totaling 333 acres to be obligated to conservation for perpetuity. Project's purchases will help to reduce fragmented ecosystems and to protect over 400 animal and plant species.

\$280,000

Ridge to Reefs, Inc**Stormwater Planters to Treat****Contaminated Runoff in Guánica**

Establish a community garden to address contaminated runoff that is currently pumped into the waterfront at Guánica Bay, Puerto Rico. Project will create a series of stormwater planters to mitigate contamination from the largest stormwater drainage area in the main town area of this priority watershed and prevent harmful pollutants from reaching the coral reef system that is in decline.

\$75,000

RHODE ISLAND**Association of State Floodplain Managers****Improving Community Resiliency through the National Flood Insurance Program Community Rating System (OH, RI)**

Significantly reduce communities' vulnerability to the growing risks of coastal storms, sea level rise, flooding, erosion and associated threats.

\$350,000

Manomet Center for Conservation Sciences**American Oystercatcher Recovery — V (MA, NJ, NY, RI, SC)**

Conserve and manage coastal habitat to help recover the population of American oystercatchers and associated beach nesting bird species in Massachusetts, Rhode Island, New York, New Jersey and South Carolina. Project will use best management practices to manage human disturbance and nest predation, and will help coordinate regional efforts to benefit American oystercatchers.

\$209,781

Narragansett Indian Tribe**Narragansett Indian Tribe Coast Forest Assessment Grant**

Relate the pre- and post-Hurricane Sandy condition and establish an action plan for restoration and resiliency measures from future events.

\$180,000

New Jersey Audubon Society**Coastal Impoundment Vulnerability and Resilience Assessment (MA, MD, ME, NH, NJ, NY, RI, VA)**

Safeguard societal and ecological values of coastal impoundments from storm surges and sea-level rise. Project will evaluate their vulnerability and identify restoration options that enhance resilience.

\$470,000

Northeastern Regional Association of Coastal and Ocean Observing Systems**Improving Northeast Coast Storm-Related Data Interpretation and Accessibility**

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.

\$520,000

Rhode Island Coastal Resources Management Council**Rhode Island South Coast Habitat and Community Resiliency**

Restore 30 acres of saltmarsh within the Ninigret Pond saltmarsh barrier complex through the beneficial reuse of dredged materials. Project will assess opportunities for additional projects in two other ponds.

\$3,250,000

Town of Middletown, RI**Sachuest Bay Coastal Resiliency Project**

Create a resiliency hub to protect from climate change issues: frequent and intense coastal storms, increased precipitation and flooding, sea-level rise and temperature-driven changes to native species and habitats.

\$2,320,000

University of California — Santa Cruz**Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)**

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.

\$99,982

University of Rhode Island**Rhode Island Community Resiliency Planning with Green Infrastructure**

Apply green infrastructure policies and practices as part of larger ongoing storm-based and climate-based resiliency efforts.

\$400,000

University of Rhode Island**Integrated Program to Enhance Coastal Resiliency**

Develop management policies and practices that will enhance coastal resiliency in Rhode Island using an integrated program of environmental monitoring, modeling and engineering.

\$870,000

Wildlife Management Institute

Northeast Forests Conservation for Declining Species (CT, MA, ME, NH, NY, RI, VT)

Support several highly experienced and networked habitat biologists to deliver technical assistance in high-priority areas to benefit New England cottontail, golden-winged warbler, and American woodcock. Project will support coordination of research efforts, field test study design, sample analysis and increasing early successional habitat. \$250,000

Wildlife Management Institute

Sustaining Young Forest Habitat to Support At-Risk Species

Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019. \$250,000

Wood-Pawcatuck Watershed Association

Pawcatuck River Watershed Flood Resiliency Management Plan

Prepare of a flood and storm damage resiliency management plan for the Pawcatuck River watershed. \$720,000

SOUTH CAROLINA**Anne Springs Close Greenway/ Leroy Springs & Co., Inc.**

The Anne Springs Close Greenway Nature Preserve

Treat 160 acres affected by invasive plants and implement an invasive plant management strategy. Project work will occur on the Anne Springs Close Greenway, a 2,100 acre environmental preserve that provides stewardship for cultural, ecological and scenic features including five bodies of water and 40 miles of trails. \$100,000

Manomet Center for Conservation Sciences

American Oystercatcher Recovery — V (MA, NJ, NY, RI, SC)

Conserve and manage coastal habitat to help recover the population of American oystercatchers and associated beach nesting bird species in Massachusetts, Rhode Island, New York, New Jersey and South Carolina. Project will use best management practices to manage human disturbance and nest predation, and will help coordinate regional efforts to benefit American oystercatchers. \$209,781

Riverhead Foundation for Marine Research and Preservation

Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event in the Southeast Region (FL, GA, NC, SC, VA)

Aid with the overall response to the 2013 Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event. Project will collect data from areas where gaps in coverage have been identified in the Southeast region. \$99,997

South Carolina Department of Natural Resources

Evaluation of Techniques to Reduce Crab Trap Float Loss

Evaluate crab trap float losses for several rigging designs. Project will remove and recycle derelict crab traps and conduct a survey and analysis of commercial crabber float loss rates. \$49,394

South Carolina Wildlife Federation, Inc.

Sewee Longleaf Conservation Cooperative Restoration and Outreach — II

Encourage the planting and proper management of longleaf pine in the Sewee Longleaf Conservation Cooperative area in and around the Francis Marion National Forest. Proposed cost-share incentives will support the establishment of 190 acres of longleaf and prescribed burning of 5,000 acres of longleaf habitat. \$86,250

The Longleaf Alliance, Inc.

Milliken Longleaf Pine Forest Habitat Restoration

Project includes establishment and maintenance of longleaf pine stands: 240 acres of planting, 210 acres of midstory control and 3,431 acres of prescribed burning. Properties are large, averaging 2,485 acres. \$90,000

The Longleaf Alliance, Inc.

South Lowcountry — ACE Basin Longleaf Ecosystem Restoration Partnership

Educate private landowners through workshops and academies and assist in longleaf planting and management through fire and herbicide. Project will assist private landowners with the planting of 1,000 acres of longleaf, prescribed burning of 2,500 acres, herbicide application of 625 acres of mid-story hardwood and an inventory of 10,000 miles of road for cogon grass and eradication treatments. \$280,000

The Nature Conservancy

Implementation Team for Longleaf Restoration — II

Expand the Sewee Longleaf Conservation Cooperative work by continuing to coordinate partner projects involving longleaf restoration, education, data collection and mapping.

Project will result in about 30 acres of longleaf pine restoration and over 3,500 acres of longleaf enhancement. \$163,038

United States Endowment for Forestry and Communities, Inc.

Savannah River Watershed Conservation (GA, SC)

Perform mapping, planning and outreach activities on working forests, agricultural lands and other natural infrastructure in the Lower Savannah River Watershed. Project will reduce water treatment costs and wildlife habitat. \$47,500

University of California — Santa Cruz

Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks. \$99,982

SOUTH DAKOTA**Lower Brule Sioux Tribe**

Engaging Tribal Youth in Wildlife Habitat Restoration on Fort Pierre National Grasslands

Hire nine tribal youths between the ages of 15 and 25 to enhance landscape conditions for wildlife on Fort Pierre National Grasslands. Project will include fence modification to improve passage for pronghorn antelope, manual and mechanical control of invasive weeds, planting native shrubs and reseeding of native grasses in select areas. \$25,000

Rocky Mountain Bird Observatory

Business Plan and Monitoring Framework for Grassland Birds in the Northern Great Plains

Develop grassland bird conservation goals and strategies to benefit the Northern Great Plains. Project will expand existing monitoring program to better measure conservation action impacts on bird populations. \$184,059

TENNESSEE**American Conservation Experience**

Chimney Tops Trail Maintenance and Restoration

Maintain and rehabilitate Chimney Tops Trail in Great Smoky Mountains National Park. Project will employ a crew of 10 youth for seven weeks to undertake extensive trail reconstruction using traditional skills and natural materials. \$45,640

National Wild Turkey Federation, Inc.

Cumberland Shortleaf and Woodland Savannah Restoration (KY, TN)

Conduct restoration on 16,159 acres in the Cumberland Plateau. Management activities include prescribed fire, opening enhancement, timber stand improvements, and public outreach field days. Long-term, the project will return about 40% of the landscape to uneven age oak-hickory dominated forest, 25% to oak and oak-pine (shortleaf) woodlands, 10% to savannas, and 5% to open grasslands.
\$217,000

Pheasants Forever, Inc.

Cumberland Plateau Private Lands Capacity

Build Farm Bill biologist capacity in central Tennessee in order to promote and further enrollment in programs such as the Environmental Quality Incentives Program, Conservation Reserve Program and stateside programs. Expected results include 600 landowners contacted, 8,000 acres of forest under improved management and 500 acres enrolled in riparian/upland habitat programs.
\$59,800

Shelby Farms Park Conservancy

Advancing Watershed and Restoration Education (AWARE)

Connect educational curriculum at Shelby Farms Park with the conservation projects occurring in 2014 and 2015, demonstrating conservation in action. This project will expand field trip and summer camp programs with updated naturalist notebooks and field exploration activities highlighting ongoing watershed and wildlife habitat conservation projects to rehabilitate Patriot Lake, restore upstream wetlands and reforest several fields bordering the Lake.
\$25,000

Shelby Farms Park Conservancy

Wolf River Wetland Restoration

Restore 1,133 acres of wetlands and bottomland forest along the Wolf River at Shelby Farms Park in Memphis, Tennessee. Project will reestablish wetlands previously drained by the channelization of the Wolf River.
\$30,000

Tennessee Wildlife Resources Agency

Saving Tennessee's Cumberland Plateau Riparian Hemlock Forests

Strategically release predatory beetles within 981 acres of hemlock conservation areas on North Cumberland Wildlife Management Area and about 500 acres of hemlock-dominated riparian forest on Catoosa Wildlife Management Area. This activity will enhance and conserve 180 acres of hemlock that sustain forest and riparian habitats critical to numerous Greatest Conservation Need species identified in and near the boundaries of these state natural areas.
\$75,000

The Nature Conservancy

Elk River Watershed Buffer Restoration Initiative

Spearhead an initiative to address instream habitat disturbances caused by agricultural practices and reduce nutrients and sedimentation in the Elk River. Project will engage over 200 private landowners, resulting in the restoration and enhancement of 250 acres of riparian forest and 18 miles of stream.
\$147,838

University of Tennessee

Reforestation Reclaimed Mine Land in Eastern Tennessee

Reforest reclaimed mine lands in eastern Tennessee to improve wildlife habitat value and stream health. Project will provide early successional habitat for Cerulean warbler and habitat for mussels.
\$140,000

Wolf River Conservancy, Inc.

Wolf River Greenway Restoration — III

Provide a land stewardship education program, including hands-on site restoration projects to remove invasive, non-native plant species on three sites in the Wolf River watershed in Memphis. Project will engage students and volunteers in the removal of 15 acres of invasives.
\$30,000

TEXAS**American Bird Conservancy**

Beach-Nesting Bird Conservation in the Gulf of Mexico (AL, FL, LA, TX) — III

Protect vulnerable solitary and colonial beach- and island-nesting birds such as Wilson's and snowy plovers, least terns and black skimmers from human disturbance. This project will implement protective measures such as signage, symbolic fencing and educational outreach with help from local partners and volunteers.
\$165,000

American YouthWorks

Texas Conservation Corps Sustainable Recreation (OK, TX)

Recruit, train, and equip two teams of eight young adults from a multi-state and largely urban area to work in collaboration with Conservation Corps and Bureau of Reclamation staff. Corps members will flag and GPS the trail system, including the inventory of any important natural features and sustainable trail challenges, and create a GIS map, database, analysis and trail narrative for submittal to Reclamation staff for review.
\$30,000

City of Port Aransas, Texas

Brazilian Pepper-Tree Control

Establish a cooperative weed management area in Port Aransas, Texas, dedicated to the regional control of Brazilian pepper-tree. Project will establish baseline distribution

of Brazilian pepper-tree populations to determine level of impact within the management area and implement a pilot treatment project.
\$50,000

Environmental Defense Fund, Inc.

Evaluating a Catch Shares Pilot of Gulf of Mexico Headboats (AL, FL, TX)

Evaluate performance of catch shares pilot program for Gulf of Mexico headboats. Project will assess the economic and conservation performance of a catch shares pilot program. If the data and analysis show the headboat pilot to be successful, this project could lead to the implementation of first large-scale recreational catch shares management in the Gulf of Mexico.
\$100,000

Florida Fish and Wildlife Conservation Commission, Fish and Wildlife Research Institute

American Oystercatcher Habitat Restoration (FL, TX)

Restore and increase the amount of quality high tide roost habitat available for the American oystercatcher and improve the species' apparent overwintering survival. Project will use proven construction techniques and local materials to rebuild reefs at two roosts used by 90% of individuals.
\$141,085

Friends of Hagerman National Wildlife Refuge Foundation

Hagerman National Wildlife Refuge Butterfly Garden Development

Install a 0.44-acre native pollinator garden adjacent to the refuge's visitor center to create habitat for pollinators. Project will provide an outdoor classroom, enhance the refuge's citizen science programs, and increase public interest in the refuge.
\$4,990

Friends of the Wildlife Corridor

Website Development for Friends of the Wildlife Corridor

Develop a new and distinct Friends of the Wildlife Corridor website, which will allow for sharing information with the community, for sharing information among the Friends directors and for soliciting and accepting support.
\$5,000

Houston Wilderness

Houston: Wild Urban Connections

Help underserved urban residents find, value and care for nature in their community by targeting youths, city parks, neighborhood service, technical assistance and habitat restoration. This project will engage community members through community stewardship days and repeated exposure to national wildlife refuges through summer programs and the Woods Project.
\$50,000

Keep Austin Beautiful, Inc.

Colorado River Restoration in Montopolis
Install educational signage and host 10 workdays to engage 1,400 volunteers in the cleanup and restoration of 7 acres of wetland along the Colorado River. Volunteers will remove invasive chinaberry and Chinese tallow trees, which disrupt the natural ecosystem by out-competing native species, clean-up illegal dumping and trash runoff and plant 100 trees and more than 1,000 native grass plugs along the shoreline.
\$37,500

Mountain View College

Living Labs at Mountain View College
Provide students and the local community with hands-on experiences regarding sustainability, conservation and growing initiatives. This project will offer students and urban neighbors a chance to explore nature and receive information about the area's flora and fauna, and to learn about food production systems.
\$28,824

**National Park Service —
Padre Island National Seashore**

Kemp's Ridley Sea Turtle Conservation — IX
Restore a nesting population of endangered Kemp's ridley sea turtles in Texas. Project will protect nesting adult females on the beach from off-road vehicle traffic and predators, as well as promote environmental education and partnership efforts through activities conducted by volunteers and agency personnel.
\$75,000

**National Parks Conservation Association
Lone Star Coastal National
Recreation Area Mapping**

Identify and map high-value marine habitat areas against current and future public recreation access points in order to minimize negative impacts to habitat while increasing public awareness and support for habitat preservation.
\$50,000

**Northside Education Foundation
Project ACORN**

Recruit students, parents, staff and other community members from local schools to implement biodiversity improvement projects along San Antonio's public creekway park system. This project will engage community members in community biodiversity improvement events to plant and maintain native trees and vegetation at five sites.
\$25,175

Pharr San Juan Alamo ISD

Pharr-San Juan-Alamo Preserving
for Future Generations
Create natural habitats at three elementary campuses in an effort to create a paradigm shift in the current attitude about conservation. This project will utilize education including formal education, public awareness, and training as a process to promote the importance of the Tamaulipan Brushland ecosystem's natural habitats and species.
\$45,650

PortMap Remote Ocean Sensing Pty Ltd

Connectivity and Thermal History Tools
for Managers to Understand Resilience
of U.S. Coral Reefs (FL, HI, LA, TX)
Increase public awareness of the status and threats to global coral reefs. Project will develop a suite of products for delivery via the Coral Reef Watch website describing temperature statistics experienced at coral reef locations worldwide and maps of coral reef connectivity and its role in recovery from disturbance.
\$127,237

REAL School Gardens

Creating Learning Gardens to Foster
Environmental Stewards
Lead a community effort to establish five school-based learning gardens in north Texas to serve as sites for hands-on conservation and education. Project will boost academic achievement and environmental stewardship.
\$100,584

Resources First Foundation

Landowners Saving Lesser Prairie-
Chicken Habitat Initiative in Texas
Establish the Lesser Prairie-Chicken Habitat Initiative and expand the Houston-Metro Conservation Center website to include the entire state of Texas. Project staff will engage, educate and enroll private landowners in voluntary efforts to conserve and restore habitat on their land for the lesser prairie-chicken by creating a specific web portal with information on habitat conservation.
\$200,000

San Antonio River Foundation

Transforming a Former Industrial
Yard into a Park
Engage 40 volunteers and plant over 250 trees to transform a former industrial yard in one of San Antonio's most economically disadvantaged neighborhoods into a unique, interactive learning and recreational space for local residents, school students and families. Confluence Park will provide educational opportunities, outdoor recreation space and pedestrian access to the San Antonio River and historic missions.
\$50,005

**Southeastern Association of
Fish and Wildlife**

Southeast Native Black Bass
Conservation (FL, TX)
Secure sustainable populations of Guadalupe bass and shoal bass through landscape-scale habitat conservation in the Pedernales and Chipola River watersheds. Project outcomes include increased percentage of stream reaches in the Pedernales and Chipola with intact fish habitat and riparian vegetation, open fish passage, reduced sediment loads and genetically secure, self-sustaining populations of shoal and Guadalupe bass.
\$218,000

Texas A&M Forest Service

Facilitating Longleaf Conservation in the
Longleaf Ridge Significant Geographic Area
Promote restoration of 650 acres of new longleaf stands and enhancement of over 3,800 existing longleaf acres within the Longleaf Ridge Significant Geographic Area through coordinated technical assistance, education, outreach, and improved organizational capacity.
\$300,000

Texas A&M University

Creation of the Applied Biodiversity
Sciences Conservation Scholars Program
Develop a program that trains students in decision making, conflict resolution, and integration of natural and social sciences to better understand the application of scientific knowledge to policy matters and governance. The program will focus on local issues related to Gulf of Mexico ecosystems and energy development, and on broader questions related to the relationship between energy development, energy policy, and natural resources.
\$75,000

Texas A&M University

Reducing Incidental Capture of
Loggerhead Sea Turtles in Gulf of
Mexico Trawl Fisheries (AL, FL, TX)
Reduce incidental capture of loggerhead sea turtles in the Gulf of Mexico. Project will certify turtle excluder device training for vessels and reduce turtle capture from incidental shrimp trawl captures.
\$99,103

**Texas Rice Industry Coalition
for the Environment**

Middleton Marsh Wetland Restoration
Construct 300 acres of high quality freshwater wetlands on the Texas Chenier Plain Refuge Complex and create a freshwater pumping system. Project will be the final part of a long-term initiative to construct approximately 3,000 acres of high quality freshwater habitat on the Anahuac National Wildlife Refuge.
\$67,500

Texas State Soil and Water Conservation Board

Conservation Plans to Restore Health of the Gulf Coast

Provide assistance to the Natural Resources Conservation Service to accelerate the development of conservation plans and adoption of conservation practices in the Gulf Coast region of Texas that help improve and restore the Gulf of Mexico's overall health through enhanced technical assistance and outreach efforts.
\$450,000

Trailblazer RC&D Area, Inc.

Giant Salvinia Control (LA, TX)

Work with partners to implement multiple strategies to help control giant salvinia in northwest Louisiana and northeast Texas. Project will collect species data, educate new audiences and create a weevil nursery.
\$35,523

UTAH

American Conservation Experience

Beaver River Enhancement

Eliminate invasive species, tamarisk and Russian olive from portions of the Beaver River that are located on public land. Project will employ a crew of six youths.
\$7,500

American Conservation Experience

Youth Virgin River Invasive Species Management

Partner with the St. George Bureau of Land Management to employ three youth interns and three AmeriCorps crews of 10 youth and engage 120 volunteers to eradicate, control and remove invasive Russian olive, tamarisk and giant reed. Project will engage volunteers in hands-on restoration activities through six outreach events that will bring together local urban and tribal youth, scout groups and university students.
\$62,108

Bureau of Land Management—Henry Mountains Field Station

Henry Mountains Fence Removal

Coordinate with the Utah Conservation Corps to provide outdoor employment and hands-on learning experiences for youth, which will result in significant improvements to public land wildlife habitat. A three-member youth crew will work with Bureau of Land Management staff over a period of eight weeks to improve wildlife habitat by removing approximately 8-14 miles of fence, including wire, posts, and poles from the mountain.
\$17,400

Delta Waterfowl Foundation

Priority Waterfowl Research—III

Conduct research on wood duck breeding ecology in southern Ontario and research a range of management actions to manage phragmites in Utah.
\$9,400

Foundation for the

Provo-Jordan River Parkway

Jordan River Conservation and Get Into the River Festival

Collaborate with Salt Lake County on restoration and improvements at the Redwood Nature Area and Little Confluence as well as work with TreeUtah and the Kennecott Nature Center of Murray to expand the reach of environmental education and programming to underserved youth. Project will also host a major community river festival with the Jordan River Commission, municipal partners and nonprofit organizations to increase community awareness and improve perceptions of the Jordan River's 51-mile corridor.
\$75,006

Four Corners School of Outdoor Education

Dolores River Restoration: Building on Youth Corps Success (CO, UT)

Hire two youth conservation corps crews to provide 20 weeks of on-the-ground support work for the Dolores River Restoration Partnership on 50 acres of remote wilderness in three locations. Project activities will include treating and removing invasive tamarisk and other non-native plants, and planting cottonwood and willow saplings and native grasses to prevent erosion along the Dolores River.
\$60,748

Grand Staircase Escalante Partners

Escalante Watershed Restoration

Restore 48 acres of public and private lands in the Escalante Watershed in Southern Utah. Project will remove woody invasive species and increase the number of sustainable and healthy riparian communities.
\$75,000

Grand Staircase Escalante Partners

Escalante Watershed Restoration—Woody Invasive Control

Restore riparian habitat through removal of Russian olive, directly benefitting native plant and animal species habitat, while involving local communities and creating conservation job opportunities. Project will expose young adults to the natural world and to career opportunities in the conservation field.
\$28,160

Jordan River Commission

West Valley City Stormwater

Treatment/Wetland Restoration

Restore a stormwater retention pond to a functional wetland habitat while engaging community members and students. The site will demonstrate creative ideas to rehabilitate the heavily urbanized Jordan River.
\$49,564

The Nature Conservancy

Great Salt Lake Shorelands Preserve Water Share Acquisition

Acquire 27 shares of irrigation company stock to secure permanent water delivery to The Nature Conservancy's Great Salt Lake Shorelands Preserve.
\$100,000

Utah State University/

Utah Conservation Corps

Mill Canyon Dinosaur Tracksite

Collaborate with the Moab Bureau of Land Management Field Office to build a .24-mile trail around a popular dinosaur tracksite. Project will include building dirt tread, boardwalk, fence and some shade structures, as well as improvements on the trailhead.
\$5,000

Utah / Arizona Conservation Corps

Navajo Micro-Irrigation Demonstrations

Construct and install demonstration micro-irrigation projects in the northern Navajo Nation. Items installed will include pumps, pipelines, storage tanks, rainwater harvesting sheds, on-farm water delivery systems, small greenhouses, and roadside farmer's market stands.
\$20,000

VERMONT

Vermont Youth Conservation Corps, Inc.

Green Mountain National Forest Youth Conservationists

Employ 20 youths to complete natural resources restoration projects under professional guidance in the Green Mountain National Forest. All youths will complete riparian plantings, wetland restoration, early successional forest stand maintenance, trail restoration, non-native invasive species management and monitoring, and natural resource inventories.
\$50,000

Wildlife Management Institute

Northeast Forests Conservation for Declining Species (CT, MA, ME, NH, NY, RI, VT)

Support several highly experienced and networked habitat biologists to deliver technical assistance in high-priority areas to benefit New England cottontail, golden-winged warbler, and American woodcock. Project will support coordination of research efforts, field test study design, sample analysis and increasing early successional habitat.
\$250,000

Wildlife Management Institute

Sustaining Young Forest Habitat to Support At-Risk Species

Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.
\$250,000

VIRGIN ISLANDS

Coral Bay Community Council, Inc.

Sediment Run-off Reduction
in Coral Bay, St. John

Install sedimentation reduction practices in two drainage basins and make recommendations in other areas to continue sediment reduction efforts in Coral Bay, St. John. Project will produce sediment reduction techniques that are designed to be replicable throughout the U.S. Virgin Islands and elsewhere.

\$67,010

PortMap Remote Ocean Sensing Pty Ltd

Connectivity and Thermal History Tools
for Managers to Understand Resilience
of U.S. Coral Reefs (FL, HI, LA, TX)

Increase public awareness of the status and threats to global coral reefs. Project will develop a suite of products for delivery via the Coral Reef Watch website describing temperature statistics experienced at coral reef locations worldwide and maps of coral reef connectivity and its role in recovery from disturbance.

\$127,237

Point 97

Digital Deck Expansion for
Fisheries Data Reporting

Leverage the success of a pilot project by expanding the use of the Digital Deck catch report application to at least 15 fishermen from Puerto Rico, improve a desktop application for anglers who lack access to mobile technology, and develop a roadmap for full implementation and adoption of the Digital Deck system in Puerto Rico.

\$75,000

VIRGINIA

Alliance for the Chesapeake Bay, Inc.

Reducing Private Property
Stormwater in Yellow Breeches and
Middle James River (PA, VA)

Accelerate stormwater best management practice installations on private property in two small watersheds in Pennsylvania and Virginia. Project will use social marketing campaign, resource refinement, technical training, and cost-share programs to help promote and install these best management practices.

\$200,000

American Rivers, Inc.

Community-Based Herring Restoration
in the Chesapeake Bay (MD, PA, VA)

Develop a model for landowner engagement. Project will use this model to increase future priority private land restoration project success rates.

\$179,997

Back Bay Restoration Foundation

SOUND INVESTMENT: On The Ground
Projects Addressing Diverse Climate
Impacts on Urban Centers

Restore 3,783 acres forested wetlands and establish 1,650 feet of living shoreline (estuarine) in the Back Bay estuary and watershed of Virginia.

\$4,000,000

Cacapon Institute, Inc.

Installing Best Management Practices
at Schools in the Chesapeake Bay
Watershed (MD, VA, WV)

Install best management practices at schools in the Upper Potomac and Shenandoah Valley. Project will engage more than 6,000 students, teachers and volunteers in bay conservation.

\$51,559

Chesapeake Conservation Landscaping Council

Certification Program for Chesapeake
Bay Landscape Professionals (MD, VA)

Standardize a comprehensive regional certification for landscape professionals. Project will help these professionals design, install and maintain best management practices such as rain gardens, tree planting, conservation landscapes and cisterns.

\$200,000

City of Norfolk, VA

Expanding Citizen Water Quality
Programs in Norfolk

Expand existing city and non-governmental organization residential and community water quality improvement programs in the city of Norfolk, Virginia. Project will seek to instill a sense of ownership in citizens through the installation of stormwater best management practices or habitat restoration projects on their residential properties or in the adjoining public right-of-way.

\$80,000

City of Norfolk, VA

Lafayette's Future is Blue and Green

Create a green infrastructure planning framework, design and install shoreline eco-restoration projects and provide a green infrastructure training program for veterans and youths.

\$4,640,000

College of William and Mary, Virginia Institute of Marine Science

Reducing Bycatch Mortality in Crab Pots

Test gear adaption for reducing ghost fishing in crab fisheries of the Chesapeake Bay. Project will employ commercial fishermen to test biopanel and use color avoidance mechanisms to reduce bycatch mortality of both actively fished regular pots and derelict peeler crab pots in the Chesapeake Bay.

\$87,168

College of William and Mary, Virginia Institute of Marine Science

Planning, Protection and Preservation
on the Werowocomoco Shore

Design best management practices for 1,300 feet of unprotected shoreline. Project will construct gapped sills to protect 300 feet of shoreline from continued erosion in an identified critical area.

\$199,000

Conservation Concepts, LLC

Caroline County Stormwater
Management Program Coordination

Assist three jurisdictions with adopting and developing stormwater programs. Project will also work with the jurisdictions to develop a Memorandum of Understanding determining how they will interact in the future.

\$15,498

Draper Aden Associates

Mathews County Rural Ditch Enhancement

Identify and recommend rural ditch enhancements to improve water quality in Mathews County.

\$38,850

Eastern Mennonite University

Changing Agricultural Impacts on
Shenandoah Headwaters

Accelerate stream restoration and the adoption of agricultural conservation best management practices. Project will integrate a combined scientific and social approach in a rural community within the Shenandoah River headwaters.

\$200,000

Ecosystem Services, LLC

Remediation of Severe Gully
Erosion in Kilmarnock

Develop a channel remediation plan for three stormwater outfalls in Kilmarnock. Project will rely on emerging innovative stormwater solutions such as regenerative stormwater conveyance.

\$39,977

Ecosystem Services, LLC

Water Quality Restoration at
Edith J. Carrier Arboretum

Develop a stream restoration design in Harrisonburg, Virginia and provide stormwater outreach and education.

\$39,965

FRIENDS of the Blue Ridge Parkway, Inc.

Blue Ridge Parkway Environmental Education

Protect Blue Ridge Parkway's viewshed and ecological buffer through tree plantings and environmental education initiatives while engaging over 200 volunteers and youth.

This project will promote the Blue Ridge Parkway as a learning laboratory to develop greater awareness and commitment to the preservation of cultural and natural resources.

\$27,419

George Mason University**Quantifying Storm Surge Attenuation by Wetlands**

Quantify storm surge attenuation rate in wetlands through integrating hydrodynamics monitoring, vegetation and micro-topographical surveying with state-of-the-art storm surge and wave modeling.
\$440,000

James Madison University**Stream Restoration at James Madison University**

Enhance a regional green infrastructure asset by stabilizing and reconnecting 1,080 linear feet of degraded stream with function-based stream restoration, including floodplain wetland treatment cells.
\$200,000

Kimley-Horn and Associates, Inc.**Stormwater Partnership for Improved Water Quality in Isle of Wight County**

Develop a consistent, comprehensive approach to stormwater best management practices to increase water quality benefits for the Isle of Wight County and the town of Smithfield.
\$29,885

Lynnhaven River 2007

Innovation and Nitrogen Removal Analysis for Oyster Restoration in the Lynnhaven River Support two forward-thinking advances in oyster reef restoration in the Lynnhaven River. Project will design an alternative substrate reef and a nitrogen removal analysis for oyster reefs.
\$200,000

Middle Peninsula Planning District Commission**Living Shoreline Incentive Program in the Middle Peninsula**

Accelerate protection of coastlines vulnerable to erosion. Project will encourage living shoreline installations and include demonstration projects along with a homeowner education program.
\$200,000

Mount Vernon Country Club**Stream Restoration, Pond Removal and Sediment Mitigation in Lower Fairfax County**

Restore stream bank in Fairfax County, Virginia. Project will reduce sediment and enhance pond water quality.
\$60,000

National Wildlife Federation**Schoolyard Habitats: Expanding National Wildlife Refuges to Urban Areas**

Award competitive mini-grants to K-12 schools to create schoolyard wildlife habitats that reflect ecological elements of nearby national wildlife refuges. Project will expand refuge presence in urban areas and educate children about ecological processes in their respective areas.
\$70,000

New Jersey Audubon Society**Coastal Impoundment Vulnerability and Resilience Assessment (MA, MD, ME, NH, NJ, NY, RI, VA)**

Safeguard societal and ecological values of coastal impoundments from storm surges and sea-level rise. Project will evaluate their vulnerability and identify restoration options that enhance resilience.
\$470,000

Northeastern Regional Association of Coastal and Ocean Observing Systems**Improving Northeast Coast Storm-Related Data Interpretation and Accessibility**

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.
\$520,000

Rappahannock Wildlife Refuge Friends Group**Camera Ready on the Rappahannock River Valley National Wildlife Refuge**

Use "GoPro" and wildlife cameras to capture events, activities and wildlife on the refuge to then be shared on Facebook and the website. Project will increase community awareness of the friends group as well as enhance environmental education throughout the community.
\$3,177

Riverhead Foundation for Marine Research and Preservation**Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event in the Southeast Region (FL, GA, NC, SC, VA)**

Aid with the overall response to the 2013 Mid-Atlantic Bottlenose Dolphin Unusual Mortality Event. Project will collect data from areas where gaps in coverage have been identified in the Southeast region.
\$99,997

Skeo Solutions

Eastern Shore Sewage Disposal Improvement Assess residential pollution sources and create a targeted, cost-efficient and effective plan to improve sanitary disposal of residential sewage on the Eastern Shore.
\$36,428

Sustainable Chesapeake

Improving Manure Injection Technology Provide overall project management and coordination for the subsurface application of manure initiative.
\$100,000

The Nature Conservancy**Enhancing Coastal Resilience on Virginia's Eastern Shore**

This project will engage stakeholders and provide tangible science-based tools to affect the development of more effective climate-hazard mitigation and risk reduction strategies on the Eastern Shore.
\$1,460,000

The Nature Conservancy**Increasing the Resiliency of American Oystercatchers — II**

Continue American oystercatcher conservation actions on Virginia's barrier islands, including mammalian predator management and increased stewardship activities. Project will result in high reproductive success, population increases, increased educational awareness, and well-informed management actions.
\$104,952

The Piedmont Environmental Council, Inc.**Enhancing Stormwater Management and Green Infrastructure in Loudoun County**

Reduce sedimentation and nutrient loading of three impaired streams in Loudoun County, Virginia. Project will retrofit a series of best management projects on common grounds of three homeowners associations and create broad awareness of need for pollution reduction practices through workshops and community plantings.
\$200,000

Town of Ashland, VA**Water Quality Retrofits at Ashland Police Department**

Convert impervious parking at the Ashland Police Department. Project will change the overflow lot to reduce the overall impervious area, insert permeable pavers and provide stream restoration.
\$200,000

Trout Unlimited, Inc.**Expanding Brook Trout Habitat in the Upper James River**

Expand the size of brook trout habitat patches in the Upper James River watershed. Project will restore riparian buffers, reduce sedimentation and improve fish habitat on headwater streams.
\$140,608

U.S. Fish and Wildlife Service**Shorebird Hunting Regulation in the Caribbean and South America (CA, VA)**

Understand shorebird harvest policies, determine harvest sustainability and provide mitigation measures for shorebird hunting among the jurisdictions of the Caribbean Sea and northern South America. Project will affect policy changes that lead to a sustainable harvest of shorebirds in these countries.
\$249,850

University of California — Santa Cruz

Stock-Specific Bycatch Mapping for River Herring in the Gulf of Maine (CA, CT, DE, GA, MA, ME, MD, NC, NH, NJ, NY, PA, RI, SC, VA)

Increase capacity for management of river herring. Project will employ genetic analysis to provide fisheries managers with critical predictions for how proposed bycatch management scenarios will impact the most threatened alewife and blueback herring stocks.

\$99,982

University of Maryland

Economic Impact of Improved Stormwater Management in Northern Shenandoah

Evaluate the economic impact associated with particular stormwater best management practices for communities in the northern Shenandoah Valley of Virginia. Project will educate these communities on stormwater practices and maximizes the return on their stormwater investments.

\$40,000

University of Virginia

Conservation Interns and Conservation Scholars Support

Support summer conservation internships for University of Virginia (UVA) students at Virginia conservation organizations. Project will also support a graduate-level Conservation Scholar Fellowship for traditionally underrepresented groups (specifically females) through UVA's Department of Environmental Sciences, and will host an annual meeting of interns and graduate fellows from other universities participating in the National Conservation Scholars Program.

\$100,000

Urbanna Oyster Festival Foundation

A Community Effort to Restore Urbanna Creek

Provide restoration effort for Urbanna Creek in Virginia. Project will restore oyster populations, establish caged aquaculture colonies, and develop on-land best management practices involving the entire community.

\$56,455

Virginia Aquarium & Marine Science Center Foundation, Inc.

Response to the 2013 Dolphin Unusual Mortality Event

Aid in the investigation of the recently declared Unusual Mortality Event affecting bottlenose dolphins along the U.S. Atlantic Coast. Project will coordinate marine mammal stranding response and provide analysis on the cause of death.

\$65,332

Virginia Department of Forestry

Reforesting Reclaimed Mined Lands in Southwest Virginia

Restore and improve forest and early successional habitat through a forest

reclamation approach. Project will result in 31 acres of reforestation and 28 acres of hardwood forest stand improvement.

\$67,045

Virginia Department of Transportation

Expanding the Toolbox for Best Management Practices for Virginia Department of Transportation

Construct a stream and buffer restoration project within Virginia Department of Transportation's right-of-way. Project will determine if these natural practices can be implemented throughout Virginia Department of Transportation's statewide system.

\$200,000

Virginia Polytechnic Institute and State University

Enhancing Adoption of Dairy Manure Injection Technologies in Virginia

Use a novel pricing structure to kick-start and expand adoption of manure injection. Project will help to demonstrate how manure injection is a better alternative to surface broadcasting.

\$210,652

Virginia Polytechnic Institute and State University

Evaluation of Liquid Manure Injection Technologies

Build on efforts by cooperative extension specialists, state and federal agency personnel and bay area farmers to advance the deployment of liquid manure injection technologies in high-density animal production regions of the Shenandoah Valley of Virginia.

\$99,980

Virginia Tech Foundation, Inc.

Roanoke Water Quality Monitoring

Create a water-quality monitoring program in Roanoke to measure toxin prevalence in drinking water and to determine if cyanobacterial blooms are increasing. Project will perform outreach, education and technical assistance by increasing the number of people with knowledge and changed behavior, improving habitat management monitoring and restoring habitat by increasing water quality and reservoir restoration.

\$25,000

Wildlife Management Institute

Sustaining Young Forest Habitat to Support At-Risk Species

Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.

\$250,000

WASHINGTON**Briana Goodwin**

Contractor for Marine Debris Action Coordination Team's West Coast Database (CA, OR, WA)

Provide administrative support to the Marine Debris Action Coordination Team's West Coast Marine Debris Database. The contractor will ensure active engagement and coordination, and will help to accomplish the team's work plan.

\$17,500

Clark Public Utilities

Japanese Knotweed Control in the Salmon Creek Watershed

Survey 15 stream miles and control knotweed in the Salmon Creek watershed through a coordinated effort of treatment and outreach activities with a diverse group of partners, landowners and volunteers. This project will remove knotweed, essential to protecting native riparian habitat, and educate landowners about knotweed eradication.

\$35,848

Conservation Northwest

Working for Wildlife Integrated Planning and Outreach

Conserve working lands and open space, restore forest health and wildlife habitats, provide safer passage on Highway 97 and reduce wildlife conflicts with livestock.

\$114,508

Fathom Consulting

Incorporating Closed Areas into Catch Share Management (CA, OR, WA)

Incorporate closed areas into catch share management of the West Coast groundfish fishery. Project will develop and advance a collaborative proposal to reconfigure the Trawl Rockfish Conservation Area as part of post-rationalization management for West Coast groundfish. Specific activities include guiding post-catch share efforts to balance the goals of rebuilding with those of accessing target stocks; inform how under-sampled but productive, high-relief rocky habitats are contributing to the rebuilding of constraining species; and inform bycatch avoidance plans of risk pools, fishing associations and individual fishermen.

\$85,000

Friends of the Issaquah Salmon Hatchery

Lake Sammamish Kokanee:

A Model for Urban Stewardship

Restore kokanee populations and improve watershed health within the Lake Sammamish Urban Wildlife Refuge Partnership through volunteer-based riparian restoration and diverse educational programming. This project will contribute to riparian zone recovery through volunteer projects and educational programming.

\$31,615

Kwiaht: Center for the Historical Ecology of the Salish Sea

San Juan Islands National Monument
Community Weed Strategy

Conduct weed inventory, mapping, management and monitoring in the San Juan Islands National Monument. Project will enlist community volunteers and will be conducted alongside a pilot project in the San Juan Islands National Wildlife Refuge.
\$20,750

Kwiaht: Center for the Historical Ecology of the Salish Sea

Living Shoreline Restoration at Fisherman Bay
Restore the living shoreline of Fisherman Bay through technical assistance to shoreline owners, outreach to seasonal visitors, rehabilitation of healthy shellfish habitat and monitoring of environmental health. Project partners will train up to 50 local volunteers and provide an intensive design course to local students.
\$40,069

Kwiaht: Center for the Historical Ecology of the Salish Sea

Restoration, Research and Monitoring in the San Juan Islands National Monument
Hire six part-time conservation technicians to conduct restoration, research and monitoring at the San Juan Islands National Monument. Project will include tribal youth and regional veterans and will provide training in GPS- and GIS-based mapping, mathematical modeling, restoration field work, plant identification, ornithology, marine fish identification, shoreline process modeling and juvenile salmon research.
\$55,000

Lopez Island Conservation Corps

San Juan Islands National Monument
Environmental Education and Outreach
Design and implement environmental education lessons for crew members on the nature and values of the newly designated San Juan Islands National Monument. The crews will conduct outreach at high-use locations to share the stewardship message and strengthen community involvement.
\$13,900

Northern Rockies Conservation Cooperative Carnivores at the Crossroads:

A Partnership for Coexistence (MT, WA)

Mitigate conflicts with carnivores in biologically important landscapes by leveraging partnerships in the region to deliver leadership, proven innovations and scientific analysis. Project will provide initial steps toward building a partnership of innovation, cross-fertilization and demonstration projects all targeted on carnivore conflict reduction.
\$35,000

Northwest Straits Marine Conservation Foundation

Crab Pot Escapement Study

Evaluate the impact of derelict gear from the Dungeness crab fishery. Project will determine the escapement rates of five different crab pot designs to inform state and tribal crab fishery management policies.
\$55,166

Okanogan Land Trust

Implementing Working for Wildlife:
Local Habitat Conservation

Protect open spaces and traditional agricultural uses to ensure working ranches and forests coexist with wildlife. Project will work toward establishing a coordinated approach to pursuing and funding conservation easement projects in the target region and complete one to two pilot projects.
\$294,688

Pierce Conservation District

Meeker Creek Habitat Restoration

Restore a 1,000-foot section of Meeker Creek in Puyallup, transforming it from a man-made ditch into a natural stream channel. Project will improve water quality by reducing untreated stormwater loading to the creek, improve shading to the stream by restoring the riparian vegetation, enhance juvenile salmon rearing habitat by providing in-stream refuge, and enhance spawning habitat for salmon straying from the Clarks Creek hatchery run.
\$26,361

Seattle Tilth Association, Inc.

Seattle Youth Agriculture and Wetlands Restoration

Provide work and leadership training to 100 underserved youth through wetlands restoration and agricultural training in public spaces. This project improves water quality and wildlife habitat while sustainably producing food in a mixed use agricultural and 4-acre wetlands site.
\$76,851

Sound GIS

Development of GIS Data for West Coast Ocean Data

Support the West Coast Ocean Data Portal Action Coordination Team by working with West Coast Ocean Data Network partners to develop, enhance and connect their metadata catalogs, data and mapping services to the West Coast Ocean Data Portal.
\$84,920

University of Washington

Training Women in Conservation Science

Establish a training and capacity-building program for women in conservation that will provide summer internships to the best students to work in real-life conservation jobs with non-profits and government agencies. Project will also provide a fellowship to one graduate student in a conservation-related discipline.
\$100,000

Washington State Department of Fish and Wildlife

Sharp-Tailed Grouse Augmentation

Relocate sharp-tailed grouse from healthy populations in British Columbia and/or southeast Idaho to augment small, isolated populations in Okanogan County, Washington. Project outcomes include positive sharp-tailed grouse population responses, enhanced long-term population viability, increases in genetic diversity and connectivity of isolated subpopulations.
\$34,500

WEST VIRGINIA**Alliance for the Chesapeake Bay, Inc.**

Stewardship Program for Healthy Farm Streams in the Chesapeake Bay Watershed (MD, WV)

Show how barriers to landowner adoption of riparian forest buffers can be overcome through whole farm planning, innovative funding strategies and training.
\$300,000

Cacapon Institute, Inc.

Installing Best Management Practices at Schools in the Chesapeake Bay Watershed (MD, VA, WV)

Install best management practices at schools in the Upper Potomac and Shenandoah Valley. Project will engage more than 6,000 students, teachers and volunteers in bay conservation.
\$51,559

Northeastern Regional Association of Coastal and Ocean Observing Systems

Improving Northeast Coast Storm-Related Data Interpretation and Accessibility

Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.
\$520,000

The Potomac Conservancy, Inc.

Building a Conservation Hub in the Potomac River Headwaters

Engage communities in protecting a 1,715-acre forested mountain. Project will unlock the potential to protect an additional 1,500 acres of critical forested headwaters in the Potomac River Basin.
\$50,000

Trout Unlimited, Inc.

An Innovative Approach to Conservation Actions in the Upper Potomac

Demonstrate how existing resources can implement cost-effective conservation action. Project will work within an innovative partnership to fulfill and augment outreach, staffing, implementation, and monitoring needs to reduce nutrient and sediment loadings to the Chesapeake Bay tributaries.
\$300,000

University of Maryland Environmental Finance Center
Financing Strategy for Berkeley County's Local Stormwater Management
Develop a set of comprehensive recommendations for implementing a financing strategy for Berkeley County's local stormwater management program.
\$39,948

Water Stewardship, Inc.
Accelerating Conservation Implementation in the Potomac Basin
Accelerate implementation of cost-shared water quality practices in the Potomac Basin of West Virginia. Project will employ a full-time conservationist specialist who will work with the local Natural Resources Conservation Service office to implement conservation work.
\$92,031

Wes-Mon-Ty Resource Conservation and Development Project, Inc.
Tygart Valley Conservation District Integrated Weed Control
Leverage current financial incentives in a five-county area to control weeds on grasslands and develop a strategic plan for sustainable long-term management. Project will increase awareness of invasive species.
\$15,000

West Virginia Division of Forestry
Using the Forestry Reclamation Approach to Reforest Previously Reclaimed Mine Land
Restore 50 acres of mixed mesophytic forest and wildlife habitat on previously mined lands at a Boy Scout camp in West Virginia. Project will plant American chestnuts and improve water quality.
\$125,000

Wildlife Management Institute
Sustaining Young Forest Habitat to Support At-Risk Species
Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019.
\$250,000

WISCONSIN

Brown County Land and Water Conservation Department
Removing Fish Passage Barriers and Improving Aquatic Habitat in Haller Creek
Restore Haller Creek's original stream bed around a dammed pond and reconstruct six road culverts. Project will remove impediments to reopen 300 acres of wetland to fish access and spawning.
\$68,890

Douglas County Land & Water Conservation Department
Allouez Bay Habitat Restoration
Restore 25 acres of emergent wetland in Allouez Bay within the St. Louis River System Area of Concern. Project will result in improved habitat and forage quality for waterbirds and waterfowl, reduced impact of invasive plant species, reestablishment of wild rice.
\$121,954

First Nations Development Institute
Native American Models for Control of Local Food Systems in the Midwest (IL, MN, WI)
Develop the capacity of three Native American organizations that are working to create systemic change by increasing control of local food systems. Project will expand efforts to provide high-quality and expanded quantities of healthy and locally produced foods to Native American communities, to progress toward organizational sustainability and to uphold the natural resource management goals of conservation plans adopted in each of their areas.
\$25,000

Friends of Horicon National Wildlife Refuge
Horicon National Wildlife Refuge Visitor Center Natural Landscaping
Replace the existing visitor center landscaping with at least 60 different species of native plants. Project will provide a resource for education and demonstration, while beautifying areas of interest for visitors.
\$4,997

Friends of the St. Croix Wetland Management District
Observation Deck on the Oak Ridge Waterfowl Production Area
Improve wildlife viewing opportunities on the Oak Ridge Waterfowl Production Area by constructing an observation deck with a spotting scope. Project will encourage the public to visit, support and learn about the Wetland Management District.
\$5,000

Lake County Forest Preserve District
Lake Michigan Watershed Early Detection Invasives Strike Team (IL, WI)
Control populations of high-priority invasive plant species using early detection in wetlands, grasslands, and ravines along the Lake Michigan coastline in southern Wisconsin and northern Illinois. Project will prevent habitat degradation associated with invasive plant infestations at high-priority habitats occupied by many rare and imperiled species.
\$397,265

Lakeshore Natural Resource Partnership, Inc.
Little Manitowoc River Coastal Wetland Restoration
Restore the meandering stream and shallow open water connection between the Little Manitowoc River and the adjacent Lake Michigan coastal wetland. Project will provide critical habitat for fish, birds and invertebrates, as well as restore natural floodplain wetland conditions.
\$391,480

Ozaukee County, WI
West Branch Ulao Creek Fish Passage Restoration
Remediate fish passage impediments in West Branch Ulao Creek in Ozaukee County. Project will reconnect high quality wetland and floodplain habitat and half a mile of stream to the to the mainstem Milwaukee River, the Milwaukee Estuary Area of Concern and Lake Michigan.
\$69,576

Ozaukee Washington Land Trust, Inc.
Restoring the Milwaukee River Watershed
Restore viable habitat within the Milwaukee River Watershed. Over 560 acres of wetlands, forests and grassland habitat will be restored as a result of this project.
\$37,324

River Alliance of Wisconsin, Inc.
Menominee River Area of Concern Fish Passage (MI, WI)
Implement the third phase of a multi-phase project to help restore lake sturgeon in the Lake Michigan basin. Project will reconnect 21 miles of historic spawning and rearing habitat in the Menominee River with Lake Michigan by providing upstream and downstream fish passage around two dams.
\$2,883,495

Sixteenth Street Community Health Center, Inc.
Pulaski Park Urban Stormwater Management
Install three to four green infrastructure demonstration sites in a blighted urban park along the Kinnickinnic River, which is undergoing a \$75 million flood management project to raise awareness and stewardship. This project will restore riparian zones, make measurable pollutant reductions, improve stormwater capture and build capacity for public/private partnerships.
\$25,000

St. Croix County, WI**Cultivating Conservation in the Rush and Willow River Watersheds**

Multiple partners will collaborate to improve, restore and manage grassland and water resources in northwest Wisconsin's high-priority focus areas. Project will promote and implement conservation programs on private lands, civic engagement and public involvement in conservation programs in the watersheds, and a monitoring protocol to track the effectiveness of conservation program support and public participation. \$100,000

UEC/MVP Project, Inc.**Urban Habitat Restoration Through Community Engagement**

Support the revitalization of a 24-acre brownfield into an outdoor science classroom and Milwaukee destination through a strong volunteer land stewardship and community outreach program. Project activities will include intensive land management in the first two critical growing seasons, installation of plants and trees and establishment of restoration research protocols. \$25,000

University of Wisconsin-Milwaukee**Reestablishing Hexagenia Mayfly Populations and Habitat**

Transplant Hexagenia mayfly eggs and improve burrowing substrates in coastal areas and tributaries. Project will reestablish mayfly populations, which will improve forage for many fish species. \$149,301

Wildlife Management Institute**Sustaining Young Forest Habitat to Support At-Risk Species**

Employ highly skilled professionals to reduce the decline of young forest habitat and support restoration of key species in 17 states. Project will increase American woodcock and New England cottontail population levels and work toward an effort to halt the decline of golden-winged warbler by 2019. \$250,000

Wisconsin Department of Natural Resources**Invasive Species Control in East Central Wisconsin Wetlands**

Restore high-quality wetlands by controlling invasive plant species. Project will protect high-quality wetlands, preserve habitat for species of greatest conservation need and rare species and prevent further habitat conversion to invasive monocultures. \$175,328

WYOMING**Montana Conservation Corps, Inc.****Montana-Wyoming Reclamation Youth Corps**

Mobilize diverse youths from urban, rural and tribal communities to participate in 12 weeks of high-value conservation projects rich with learning and training opportunities. By working at Tiber Dam/Lake Elwell, Canyon Ferry Reservoir, and Keyhole Reservoir, youths will contribute valuable services to mitigate invasive weeds, improve fencing to protect Bureau of Reclamation resources, plant trees and enhance recreation facilities and learn about education and career opportunities in conservation fields. \$35,000

Rocky Mountain Bird Observatory**Business Plan and Monitoring Framework for Grassland Birds in the Northern Great Plains**

Develop grassland bird conservation goals and strategies to benefit the Northern Great Plains. Project will expand existing monitoring program to better measure conservation action impacts on bird populations. \$184,059

Trout Unlimited, Inc.**Strategic Conservation of Upper Colorado River Native Fishes (CO, WY)**

Implement five on-the-ground projects with benefits to native fishes of the upper Colorado River basin. Project will protect 250 miles, reconnect 100 miles and restore approximately 5 miles of native fish habitat. \$271,758

Western Association of Fish and Wildlife Agencies

Conifer Removal Mapping and Prioritization Provide conservation practitioners with the tools necessary to prioritize conifer removal to proactively maintain sage grouse distribution and abundance. Project mapping will focus on priority areas within target management zones. \$150,000

Wildlife Conservation Society**Trapper's Point Wildlife Overpass Interpretive Pullout**

Create an educational site to build understanding of and support for great migration conservation and increased driver safety while protecting animals from disturbance. \$47,227

Wyoming Game and Fish Commission**Wetland Enhancement in Ocean Lake Wildlife Habitat Management Area**

Provide seasonal wetlands for birds migrating through central Wyoming by constructing a water delivery system and enhancing existing dikes. \$85,000

ASIA, INDIA, AND THE PACIFIC**Conservation International Foundation****Improving Coral Conservation Management Capacity in Samoa**

Build local knowledge, awareness and capacity in marine protected area management in Samoa. Project will improve management of corals by maintaining updated data collection, raising awareness of coral reef area benefits, providing training on coral surveillance and coordinating management with American Samoa. \$62,620

Conservation Metrics, Inc.**Acoustic Monitoring of Seabirds on Ta'u Island, American Samoa**

Deploy a network of eight acoustic sensors to monitor the seabird community in the remote national park of American Samoa on Ta'u Island. Project will document the range of species breeding in the park and patterns of activity, and compare relative rates of activity at survey sites. \$12,408

Conservacion, Naturaleza y Vida (CONAVI)**Rapid Assessment of Sea Turtle Bycatch Rates in the Gulf of Panama**

Conduct surveys in the main fishing ports of Panama's Pacific Coast and collaborate in environmental education workshops to raise awareness about marine conservation. Project will produce an assessment of sea turtle bycatch rates and identify bycatch "hot spots." \$20,000

Conservation Society of Pohnpei**Enhancing Management of Herbivorous Fish in Pohnpei**

Identify reproductive life history traits and assess habitat use and fishing vulnerability for key commercial reef fish species in Pohnpei, Micronesia. Project will build on existing state and stakeholder-driven conservation initiatives that conserve fish around reproduction seasons and within locally managed marine areas. \$40,000

Fauna & Flora International, Inc.**Sustainable Livelihoods for Coral Conservation in the Philippines**

Work to address the cyclical issues of poverty and environmental degradation in the Coral Triangle by developing sustainable coastal livelihoods. Project will contribute to improved coastal conservation in the Philippines through a sustainable coastal fisheries enhancement program. \$40,000

Hatohebei Organization for People and Environment

Building Resilient Micronesian Coastal and Marine Resources

Improve management of coral reefs, fisheries and shorelines by empowering communities to address threats to reefs and nearshore systems. Project will provide direct support to several communities to develop specific actions (e.g., zoning and rule development) that can immediately improve resource management and build capacity of community facilitators.
\$45,880

Marianas Resource Conservation & Development Council

Revegetation of Bare Soils to Reduce Sedimentation to Coral Reefs

Support sedimentation stabilization projects in Guam to benefit coral reefs. Project will establish a nursery to increase the availability of native plants for stream bank stabilization and targeted erosion control projects.
\$22,500

Micronesia Conservation Trust

Socioeconomic Monitoring Team and Data Compilation for Micronesia

Provide critical support to strengthening management capacity and responses to coral reef conservation in Micronesia. Project will ensure that existing and future socioeconomic monitoring data for the region is compiled, stored and made accessible.
\$50,000

PT Pet Norton Consulting International

In-Country Coordination: USAID — Indonesia's Marine Resources Program

Coordinate coral reef conservation efforts in the Coral Triangle Region. Project will work with the U.S. Agency for International Development-Indonesia Mission and the U.S. National Oceanic and Atmospheric Administration to implement Indonesia's marine resources program.
\$92,000

PortMap Remote Ocean Sensing Pty Ltd
Connectivity and Thermal History Tools for Managers to Understand Resilience of U.S. Coral Reefs (FL, HI, LA, TX)

Increase public awareness of the status and threats to global coral reefs. Project will develop a suite of products for delivery via the Coral Reef Watch website describing temperature statistics experienced at coral reef locations worldwide and maps of coral reef connectivity and its role in recovery from disturbance.
\$127,237

Sea Change Consulting LLC

Coral Reef Management Adaptation Tools for a Changing Coastline

Increase management capacity in the Pacific to sustain coral reef systems and the communities that depend on them in a changing environment. Project will develop a guidance document that is aimed at building resilience of Pacific island communities to a changing coastline by providing detailed outreach and planning materials.
\$9,680

Sea Turtle Association of Japan

Compiling Nesting Status of Loggerhead Turtles in Japan

Compile existing Northern Pacific loggerhead turtle nesting data in a collaborative book to clarify the current status of the threat and nesting trends. Project will gather data for the book.
\$60,000

University of Guam

Coral Monitoring and Ecosystem-Based Management in Kosrae

Integrate a suite of existing and new monitoring datasets for applied use within the management policies on Kosrae, Federated States of Micronesia. Project will refine organizational action plans of local partners to incorporate the recommended policies.
\$49,335

University of Hawaii

Setting Nutrient Thresholds to Coral Reef Health

Develop and apply a nutrient response assay for two species of corals and their associated microbial communities in the West Maui and Faga'alu priority watersheds. Project will link water quality thresholds (nitrogen, phosphorus) to microbial and coral physiological responses to create a tool for management to assess impacts to reef systems before coral mortality.
\$91,000

University of Hawaii — Manoa

Threshold and Reduction Targets for Land-Based Stressors to Coral Reefs

Establish minimum response thresholds and threat reduction targets for sedimentation, turbidity, nitrogen and phosphorus stress in the main reef-building corals of Hawaii and American Samoa. Project will couple these targets with other tools in development which will allow managers to assess threats to coral reefs and monitor their recovery at a finer scale and in a shorter timeframe.
\$89,008

University of Maryland —

Center for Environmental Science

Pilot Report Template for Status and Trends of Coral Reef Ecosystems in the United States

Increase management capacity to evaluate restoration efforts of U.S. coral reef systems. Project will develop a status- and trends-assessment framework and report card process that synthesizes biological, physical and socio-economic data from two jurisdictions.
\$60,000

U.S. Fish and Wildlife Service — Region 7

Genetics-Based Mark-Recapture of Pacific Walrus

Conduct a genetics-based capture-mark-recapture project for Pacific walrus in order to estimate abundance and demographics rates. Project will generate preliminary estimates of survival, movement probabilities and site fidelity, all of which will benefit future monitoring and management of the population of Pacific walrus.
\$100,000

Wildlife Conservation Society

Building Management Capacity in Taka Bonerate Marine National Park

Address critical information gaps by collecting, analyzing and sharing data on the ecological, socioeconomic and governance status of the Taka Bonerate Marine National Park, South Sulawesi, Indonesia, and train stakeholders to maintain these data needs into the future. Project will improve management capacity of local government and communities to protect 530,765 hectares of marine habitat.
\$74,952

World Wildlife Fund, Inc.

Decreasing Seabird Bycatch in Russia's Pacific Fisheries

Build on 10 years of experience partnering with research institutes and the Russian Pacific fishing industry to further reduce seabird bycatch in the Russian Far East longline fishery and evaluate bycatch in driftnet fisheries. Project will result in decreased take of seabirds through increased use of paired streamers on longline vessels.
\$100,000

CANADA

Alberta Prairie Conservation Forum

Habitat Conservation Strategy
in Alberta, Canada

Develop, implement and monitor a habitat conservation strategy on more than 42,000 acres of native prairie. Project will include a range management plan with a preferential grazing system and recommendations for ecologically sustainable stocking rates, fence and stock water management, weed control and riparian area management.

\$120,000

Canadian Sea Turtle Network, Inc.

Mitigating Loggerhead Turtle Bycatch
in Atlantic Canadian Fisheries

Understand the population dynamics of loggerhead sea turtles and mitigate their bycatch in Atlantic Canadian longline fisheries. Project will identify size and genetic stock of loggerheads in Canada, improve function and use of dehooking equipment and evaluate impact of hooking on turtles.

\$100,000

Delta Waterfowl Foundation

Priority Waterfowl Research — III

Conduct research on wood duck breeding ecology in southern Ontario and research a range of management actions to manage phragmites in Utah.

\$9,400

Hamilton Conservation Authority

Lower Spencer Creek Instream
Habitat Restoration

Reconnect floodplain habitat with 300 meters of Lower Spencer Creek, a tributary to western Lake Ontario in Canada. Project will improve fish passage and spawning habitat for resident as well as migratory fish.

\$125,000

Manomet Center for Conservation Sciences

Arctic Shorebird Demographics Network

Coordinate the efforts of 15 organizations working cooperatively at 16 sites across the Arctic to determine what limits the populations of high-priority shorebird species. Project will increase the ability to target hemispheric conservation activity at the life history stage to better target conservation funds.

\$69,233

LATIN AMERICA AND
THE CARIBBEAN**Centre for Resource Management
and Environmental Studies (CERMES),
The University of the West Indies**

Coordination of Global Socioeconomic
Monitoring in Coastal Communities
Near Coral Reefs

Coordinate a global socioeconomic monitoring initiative for coastal management. Project will build upon 10 years of gathered socioeconomic data across six global nodes that have worked with partners to facilitate community-based socioeconomic monitoring.

\$72,933

Conservacion, Naturaleza y Vida (CONAVI)

Rapid Assessment of Sea Turtle
Bycatch Rates in the Gulf of Panama

Conduct surveys in the main fishing ports of Panama's Pacific Coast and collaborate in environmental education workshops to raise awareness about marine conservation. Project will produce an assessment of sea turtle bycatch rates and identify bycatch hot spots.

\$20,000

Gulf and Caribbean Fisheries Institute, Inc.

Review of Capacity for Coral Conservation
in the Caribbean

Build upon previous peer-to-peer capacity-building workshops within priority Caribbean marine protected areas. Project will address desired follow-up on sustainable financing and enforcement needs in the region.

\$31,500

Island Conservation

Restoring Pink-Footed Shearwater
Populations in Chile — III

Remove invasive goats from Robinson Crusoe Island, a critical step in a multi-year effort to eradicate invasive mammals from the pink-footed shearwater's nesting grounds. Project will help prevent soil erosion and shearwater burrow destruction, thus improving nesting habitat across the island.

\$449,997

Marine Applied Research, LLC

Management and Stewardship for
Coral Reefs in the Caribbean

Build on a subset of projects implemented under the two-year Australia-Caribbean Coral Reef Collaboration and focus on monitoring, management planning and community and stakeholder engagement. Project will develop a monitoring program for Grenada and deploy stewardship programs in St. Vincent and the Grenadines.

\$80,000

Marine Stewardship Council

Promoting Marine Stewardship Council
Certification to Fisheries in the Caribbean

Encourage Caribbean fisheries, particularly those on the Meso-American-Reef, to engage in improvement projects that lead towards Marine Stewardship Council-certification. Project will promote sustainable fishing and the value of certified seafood in the region with an emphasis on the Honduran and Mexican spiny lobster fisheries.

\$60,000

Microwave Telemetry, Inc.

Satellite Telemetry with Ringed
Teal to Determine Seasonal

Movements and Vital Habitats

Determine movements and feeding areas of ringed teals on the Don Pablo Ranch in Argentina.

\$17,755

MPA Enforcement International LLC

Enhancing Enforcement Capacity in
Priority Caribbean Coral Reefs

Assess enforcement capacities for nine priority Caribbean coral reef areas and provide tailored enforcement training, recommendations and follow-up assistance to achieve long-term conservation goals. Project will benefit an estimated total of 55-60 participants, including managers and field staff, as well as important local enforcement partners.

\$69,650

Smithsonian Institution

Science Based Decision Making for
Spiny Lobster Management

Improve the efficacy of spiny lobster fishery management in Honduras through the use of emerging technologies and analysis techniques. Project will work with both the industrial fishery and local communities to foster stakeholder engagement in the management process and improve the availability of information for decision-making.

\$134,160

Utila Centre for Marine Ecology (UCME)

Capacity Building for Effective
Lobster Fishery Management

Build capacity for effective lobster fishery management in Honduras. Project will strengthen the capacity of key local organizations to be able to manage their lobster fisheries and establish the foundations for market-led solutions for sustainable resource use.

\$85,340

University of the West Indies**Protecting Critical Hawksbill Nesting Habitat in Barbados**

Assess and mitigate the negative impacts of coastal development on hawksbill nesting in Barbados. Project will construct and operate an information center to raise awareness and protect hawksbills.
\$72,504

U.S. Fish and Wildlife Service**Shorebird Hunting Regulation in the Caribbean and South America**

Understand shorebird harvest policies, determine harvest sustainability and provide mitigation measures for shorebird hunting among the jurisdictions of the Caribbean Sea and northern South America. Project will inform policy changes that lead to a sustainable harvest of shorebirds in these countries.
\$249,850

OTHER INTERNATIONAL**Asociacion Chelonia****Reducing Sea Turtles Bycatch in Spanish Atlantic Longliners**

Fill a data gap in the assessment of sea turtle bycatch in the large Spanish longline fleet in the Atlantic. Project will work with industry to establish a voluntary data collection system that provides much needed bycatch data while not overly disrupting fishing operations.
\$49,595

World Seabird Union**World Seabird Conference in South Africa**

Collaborate with the African Seabird Group to host the second World Seabird Conference in Cape Town, South Africa. The conference will focus on global seabird issues that require local/national/regional delivery to be effective, build capacity for seabird researchers in developing countries and under-resourced regions, and promote effective communication between researchers.
\$75,000

MEXICO**American Bird Conservancy****Protecting Townsend's Shearwaters on Isla Socorro, Mexico — III**

Work with partners to protect the sole breeding habitat for Townsend's shearwater and other endangered species on Isla Socorro, Mexico. Project will initiate the full-scale eradication of feral cats, complete infrastructure development to support additional eradication and monitoring work and implement monitoring activities for Townsend's shearwaters.
\$382,613

Bonneville Environmental Foundation**Colorado River Delta Water Trust Temporary Acquisition Pilot**

Acquire temporary water rights for environmental flows in the Colorado River Delta. Project will provide funding to the Colorado River Delta Water Trust to help them secure temporary water rights in the Mexicali Agricultural Valley.
\$50,000

Cuenca Los Ojos Foundation Trust**Producing Low-Cost Plant Material for Grassland Restoration**

Contribute to habitat restoration, while also removing factors that limit large-scale restoration throughout the region. Project will establish and/or enhance production of native seed and hay on former agricultural fields, which will greatly reduce long-term costs of restoration activities at priority conservation sites.
\$119,350

International Boundary and Water Commission (USIBWC)**Laguna Grande Restoration — Phase II**

Transfer funds to the Mexican Section (named CILA) of the International Boundary and Water Commission (IBWC) to environmental enhancement of riparian areas of the Colorado River Delta under Minute No. 319 to the 1944 Water Treaty between the United States and Mexico. Project will restore dozens of acres along the Colorado River riparian corridor, prepare the area for instream flow deliveries and complete other habitat restoration as needed.
\$453,650

MPA Enforcement International LLC**Enhancing Enforcement Capacity in Priority Caribbean Coral Reefs**

Assess enforcement capacities for nine priority Caribbean coral reef areas and provide tailored enforcement training, recommendations and follow-up assistance to achieve long-term conservation goals. Project will benefit an estimated total of 55-60 participants, including managers and field staff, as well as important local enforcement partners from relevant agencies and groups.
\$69,650

Marine Stewardship Council**Promoting Marine Stewardship Council Certification to Fisheries in the Caribbean**

Encourage Caribbean fisheries, particularly those on the Meso-American-Reef, to engage in improvement projects that lead towards Marine Stewardship Council-certification. Project will promote sustainable fishing and the value of certified seafood in the region with an emphasis on the Honduran and Mexican spiny lobster fisheries.
\$60,000

World Wildlife Fund, Inc.**Planning for Development and Sea Level Rise to Foster Hawksbill Recovery in Mexico**

Assess the impact of changing environmental conditions on nesting beaches in the wider Caribbean. Project will establish guidelines for management to address development and environmental changes like sea-level rise to minimize impacts to priority nesting beaches.
\$100,000

NATIONAL FISH AND
WILDLIFE FOUNDATION GULF
ENVIRONMENTAL BENEFIT
FUND 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 require BP and Transocean, among other things, to make certain monetary payments to NFWF that are designated to fund projects benefitting 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 obligated to the following projects under the Gulf Environmental Benefit Fund in FY 2014 in accordance with the terms of the plea agreements.

ALABAMA

Alabama Department of Conservation and Natural Resources

Alabama Department of Marine Resources
Restore 600 acres of oyster reef by placing new cultch material to increase spat settlement and oyster production. This project will increase Alabama's oyster reefs by nearly 30 percent.
\$3,750,000

D'Olive Watershed Restoration

Mobile Bay National Estuary Program
Restore degraded streams and install stormwater management measures to reduce sediment and nutrient loads to D'Olive Bay in order to enhance submerged aquatic vegetation habitat.
\$6,781,000

Fowl River Watershed Restoration — Phase I

Mobile Bay National Estuary Program
Implement measures to protect and restore 14 acres of coastal wetlands on Mon Louis Island. Develop a watershed management plan for Fowl River Watershed to identify future conservation investments to benefit the watershed.
\$2,050,000

FLORIDA

Apalachicola Bay Oyster Restoration

Florida Fish and Wildlife Conservation Commission
Restore and manage 18 acres of oyster reef across a range of conditions to provide information that will allow managers to maximize the resiliency of oysters in Apalachicola Bay and more efficiently restore oyster resources throughout the Gulf of Mexico.
\$4,189,400

Comprehensive Panhandle Coastal Bird Conservation

National Audubon Society
Work in the Florida Panhandle with volunteers and State and Federal agency partners to improve nesting success of coastal birds through nest protection, stewardship, monitoring and outreach activities. Project will also restore an important nesting island.
\$3,205,300

Eliminating Light Pollution on Sea Turtle Nesting Beaches

Sea Turtle Conservancy
Increase sea turtle nesting success on Florida Panhandle beaches by solving artificial light problems on private properties that are known to disorient thousands of hatchlings per year.
\$1,500,000

Enhanced Assessment for Recovery of Gulf of Mexico Fisheries — Phase I

Florida Fish and Wildlife Conservation Commission
Enhance and expand fisheries-independent and fisheries-dependent data collection in the northern and eastern Gulf of Mexico in support of fisheries stock assessments and management efforts for red snapper and other important reef fish species.
\$3,000,000

Escribano Point Coastal Habitat Restoration Management

Florida Fish and Wildlife Conservation Commission
Protect and restore coastal habitat of Escribano Point within the Yellow River Wildlife Management Area in Pensacola Bay. FWC will work with the Trust for Public Land to acquire key inholdings within the reserve.
\$1,231,000

Escribano Point Coastal Habitat Acquisitions — Phase I

The Trust for Public Land
Acquire two parcels associated with FWC's Conservation Area at Escribano Point, Santa Rosa County, and donate the properties to the State of Florida.
\$500,000

Government Street Regional Stormwater Pond at Corrine Park Jones

City of Pensacola
Treat stormwater runoff from 40 acres of a total 106-acre downtown basin that currently discharges untreated runoff directly into Pensacola Bay.
\$2,106,500

LOUISIANA

Caminada Beach and Dune Restoration Increment II: Engineering and Design

Louisiana Coastal Protection and Restoration Authority
Provide the engineering and design work necessary for the second and final phase of restoration of the Caminada Headland.
\$2,654,832

Caminada Beach and Dune Restoration Increment II: Construction

Louisiana Coastal Protection and Restoration Authority
Restore 7.5 miles of critical beach and dune habitat on the easternmost end of the Caminada Headland. Sand from offshore will be used to restore 455 acres of beach and dune habitat. In addition to restoring and protecting important coastal habitat, the restoration will provide storm buffering to Port Fourchon.
\$144,550,000

East Timbalier Island: Engineering and Design

Louisiana Coastal Protection and Restoration Authority
Provide the engineering and design work necessary for the restoration of East Timbalier Island.
\$5,589,000

Increase Atchafalaya Flow to Terrebonne: Planning

Louisiana Coastal Protection and Restoration Authority
Conduct a planning effort intended to advance implementation of a sediment diversion proposed from the Atchafalaya River into the Terrebonne basin to create, sustain and restore wetlands.
\$4,604,850

Lower Mississippi River Sediment Diversions: Planning

Louisiana Coastal Protection and Restoration Authority
Conduct a planning effort intended to advance implementation of sediment diversions from the lower Mississippi River, as recommended in the state's Coastal Master Plan.
\$12,760,187

**Mid-Barataria Sediment Diversion:
Engineering and Design**

Louisiana Coastal Protection
and Restoration Authority

Support the engineering, design, permitting and related activities associated with the proposed Mid-Barataria Sediment Diversion project. The project will be designed to divert sediment-laden water from the Mississippi River through a self-contained channel roughly 1.5 miles long, before outfalling into the mid-Barataria Basin.

\$37,741,754

MISSISSIPPI

**Coastal Bird Stewardship
Program in Mississippi**

Mississippi Department of
Environmental Quality

Improve nesting success of coastal birds through nest protection, stewardship and monitoring at 22 key sites along the Mississippi coast, while educating the public on the importance of these habitats.

\$1,604,000

Coastal Stream and Habitat Initiative

Mississippi Department of
Environmental Quality

Conduct conservation planning and design for on-the-ground restoration of several small coastal streams across the Mississippi coast.

\$2,631,000

Mississippi Coastal Preserves Program

Mississippi Department of
Environmental Quality

Assess invasive species infestations, perform control measures and revegetate areas to restore priority coastal habitat.

\$3,300,000

Mississippi Coastal Restoration Plan

Mississippi Department of
Environmental Quality

Provide an overarching framework for the development and implementation of programs and projects that restore and conserve Gulf Coast natural resources in Mississippi.

\$3,598,943

TEXAS

**Galveston Island State Park
Marsh Restoration and Protection**

Texas General Land Office

Restore, enhance and protect 30 acres of intertidal marsh habitat (intertidal fringe marsh, salt flat marsh, sand flat and protected shallow water) at Galveston Island State Park.

\$2,489,200

**Gulf Coast Migratory Waterfowl
Habitat Enhancement**

Ducks Unlimited

Restore or enhance 3,000 acres of freshwater wetlands and promote shallow flooding of an additional 20,000 acres on fallow rice farms to provide critical migratory and wintering habitat for waterfowl and shorebirds along the Texas coast.

\$1,250,000

Oyster Reef Restoration in East Bay

Texas Parks and Wildlife Department

Restore an additional 30 acres to a planned 130 acre oyster reef restoration project in the Galveston Bay ecosystem to increase oyster reef ecosystem services.

\$840,000

**Powderhorn Ranch Land Acquisition —
Phase I**

Texas Parks and Wildlife Foundation

Acquire an initial tract of Powderhorn Ranch as part of a larger multi-year, multi-partner effort to acquire, preserve, and manage the entire 17,351 acre Powderhorn Ranch located in Calhoun County.

\$11,000,000

**Sea Rim State Park Coastal
Dune Restoration**

Texas Parks and Wildlife Department

Rebuild the primary dune along the Sea Rim State Park's 5.3-mile Gulf of Mexico shore using native plants and sand fencing.

\$189,400

IMPACT DIRECTED
ENVIRONMENTAL ACCOUNTS
(IDEA) FISCAL YEAR 2014
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.

UNITED STATES

ALABAMA

Avian Research and Conservation Institute, Inc.

Aerial Imaging Surveys for Sea Turtles in the Northern Gulf (AL, FL)

Conduct high-resolution aerial imaging to assess in-water abundance and distribution of sea turtles while eliminating many of the biases of boat-based surveys.

\$30,100, *Federal Criminal Case*

ALASKA

Alaska Longline Fishermen's Association

Electronic Monitoring Transition in Alaska Fixed Gear Fisheries

Transition electronic monitoring from pilot to integrated at-sea monitoring component in Alaska fixed gear fisheries by creating a structured, collaborative process that serves as a national model.

\$20,000, *Federal Criminal Case*

Bristol Bay Native Association

Bristol Bay Summer Youth Stewardship Program 2014

Provide Alaska Native students with the opportunity to experience the science and research of natural resources management.

\$5,708, *Species Recovery*

Manomet Center for Conservation Sciences

Arctic Shorebird Demographics Network
Coordinate the efforts of 15 organizations working cooperatively at 16 sites across the Arctic to determine what limits the populations of high priority shorebird species.

\$39,233, *Federal Criminal Case*

Native Village of Gambell

Continued Support for St. Lawrence Island's Local Tribal Monitors

Support two seasonal Tribal Monitors in the Native Villages of Gambell and Savoonga. Tribal Monitors implement local marine mammal ordinances, interact with Tribal subsistence hunters, and assess compliance with voluntary walrus harvest trip limits.

\$12,000, *Species Recovery*

U.S. Fish and Wildlife Service

Applied Research on Polar Bears in the Chukchi Sea

Live-capture and release polar bears on the sea ice of the Chukchi Sea. Project will uncover findings that are critical to management in relation to climate change, development, and human-bear interactions.

\$43,655, *Federal Criminal Case*

U.S. Fish and Wildlife Service

Climate Change Effect on Wetlands, Invertebrates, and Shorebirds

Determine how climate change will affect invertebrates and subsequently induce a trophic mismatch that will affect growth and survival of shorebird young and ultimately affect shorebird population size.

\$46,995, *Federal Criminal Case*

U.S. Fish and Wildlife Service

Genetics-Based Mark-Recapture of Pacific Walrus

Conduct a genetics-based capture-mark-recapture project for Pacific walrus in order to estimate abundance and demographics rates.

\$40,000, *Federal Criminal Case*

University of Alaska Foundation

FullDome Documentary about Round Island

Begin production of a full-dome film about the walrus at Round Island in the Walrus Islands State Game Sanctuary in Alaska.

\$3,962, *Species Recovery*

ARIZONA

Various Recipients

Havasu National Wildlife Refuge

Equipment Purchase

Purchase of equipment to monitor and protect habitat at Havasu National Wildlife Refuge.

\$15,600, *Federal Criminal Case*

CALIFORNIA

Audubon California

Lake Isabella Willow Flycatcher Restoration

Management of Southwestern Willow Flycatcher habitat on Sprague Ranch.

\$97,793, *Mitigation*

California Conservation Corps

North Fork Big River Coho Stream

Habitat Enhancement

Enhance the quality and quantity of coho salmon spawning and rearing habitat on the North Fork Big River and James Creek by increasing the complexity, frequency, depth, and shelter of pools.

\$21,760, *State Civil Case*

California Department of Fish and Wildlife

Land Management of Mitigation Lands

Management of land designated as mitigation for impacts associated with the Topaz Solar Farm project in San Luis Obispo County, California.

\$657,226, *Mitigation*

California Department of Fish and Wildlife

McGrath Lake Administrative Costs

Disbursement to the California Department of Fish and Wildlife for administrative costs.

\$18,000, *Federal Civil Case*

California Department of Parks and Recreation

Montara State Beach Access Improvement

Construct a parking lot and accessible picnic area and repair beach access stairway at north end of Montara State Beach. Project includes measures to control runoff and reduce existing erosion.

\$428,810, *Federal Civil Case*

California State Coastal Conservancy

San Francisco Bay Creosote Piling Removal and Pacific Herring Restoration Project

Implement a five-year subtidal habitat and Pacific herring restoration pilot project in the San Francisco Bay involving the removal of derelict creosote pilings and restoration of native eelgrass and oyster habitat for the benefit of Pacific herring and other aquatic resources.

\$2,000,000, *Federal Criminal Case*

California Trout, Inc.

Harvey Diversion Fish Passage Restoration

Elevate and stabilize the creek bed below Harvey Diversion to restore fish passage for the endangered Southern California steelhead at a pre-existing fish ladder.

\$140,000, *State Civil Case*

Central Coast Salmon Enhancement

Pismo Creek Arundo Removal

Improve spawning and rearing steelhead habitat, fish passage, and riparian canopy by removing arundo along four miles of West Corral de Piedra Creek, a tributary to Pismo Creek.

\$15,000, *State Civil Case*

Conservation Science Research and Consulting

2014 Raven Studies in the Chuckwalla Desert Wildlife Management Area

Research on the interaction between desert tortoises and common ravens in the Chuckwalla Desert Wildlife Management Area.

\$56,369, *Mitigation*

Corvus Ecological Consulting, LLC

2014 Raven Studies in the Superior-Cronese Desert Wildlife Management Area and Fort Irwin Conservation Area

Research on the interaction between desert tortoises and common ravens in the Superior-Cronese Desert Wildlife Management Area and Fort Irwin Conservation Area.

\$135,501, *Mitigation*

East Bay Regional Park District

Crown Memorial Beach Groin Extension and Wetland Enhancement

Remove and dispose of approximately 2,500 cubic yards of sand that washed off of Crown Beach into the Elsie Roemer Marsh. \$36,500, *State Civil Case*

Forensic Entomology Services

Laguna Mountains Skipper Research of Potential Range

Investigate potential habitats for the Laguna Mountains Skipper in a number of mountain ranges in Southern California for suitable habitat and survey potential presence of the skipper.

\$20,496, *Species Recovery*

Friant Water Authority and Bill Luce Consulting, LLC

San Joaquin River Restoration Technical Advisory Committee Services

Assist and advise the San Joaquin River Restoration Administrator regarding the implementation of the San Joaquin River Restoration Settlement.

\$47,952, *Other*

Guadalupe-Nipomo Dunes Center

2014-2015 Educational and Volunteer Coordination Program

Fund the position of education coordinator for 12 months, and the full-time volunteer recruitment coordinator position for 10 months, along with administrative costs.

\$116,280, *State Civil Case*

Guadalupe-Nipomo Dunes Center

Guadalupe-Nipomo Dunes Complex — Outreach, Preservation, and Visitor Serving Task Force Collaboration Project

Support enhanced communication and outreach, collections preservation and enhancement, collaboration, and Visitor Serving Task Force coordination at the Dunes Center.

\$78,964, *State Civil Case*

Habitat Restoration Sciences, Inc.

Land Management of Mitigation Lands

Management of land designated as mitigation for impacts associated with the Greenhills Ranch project in San Diego County, California.

\$14,506, *Mitigation*

Hanson Environmental, Inc.

San Joaquin River Restoration Technical Advisory Committee Services

Assist and advise the San Joaquin River Restoration Administrator regarding the implementation of San Joaquin River Restoration Settlement.

\$40,880, *Other*

Heritage Environmental Consultants, LLC

Campo Verde Solar Project 5-Year Post-Construction Burrowing Owl Monitoring

Perform five years of post-construction burrowing owl monitoring for the Campo Verde Solar Project.

\$375,000, *Mitigation*

Heritage Environmental Consultants, LLC

Habitat Assessment and Mapping

Assess and map two parcels in Imperial County to determine suitability for flat-tailed horned lizard mitigation.

\$6,000, *Mitigation*

Institute for Wildlife Studies

Non-lead Ammunition Outreach and Education

Implement a program to provide non-lead outreach and education to hunters within the Southern California region, with focus on the Tehachapi and Transverse Ranges.

\$84,000, *Mitigation*

Island Conservation

Anacapa Island Restoration

Project Compendium Paper

Provide a scientific account of the ecological response 10-years post rat removal on Anacapa Island that can be used to communicate these results to a broad range of stakeholders.

\$24,993, *Other*

Land Conservancy of San Luis Obispo County

2014 Invasive Species Removal Project

Remove invasive species, primarily veldt grass and European beach grass, within the Guadalupe-Nipomo Dunes Complex according to priorities established through the Restoration Task Force, and monitor Nipomo Lupine.

\$127,750, *State Civil Case*

Land Conservancy of San Luis Obispo County

2014-2015 Conservation Strategy/Management Plan Development for the Guadalupe-Nipomo Dunes Complex

Develop a comprehensive Conservation Strategy/Management Plan for the Guadalupe-Nipomo Dunes Complex as directed by the Restoration Task Force. The product will identify areas and techniques to focus limited resources to achieve conservation goals and objectives, set realistic measures for success, identify obstacles to achieving conservation goals, identify adaptive management approaches and identify a path forward to plan implementation.

\$323,596, *State Civil Case*

Land Conservancy of San Luis Obispo County

Pismo Preserve Land Acquisition

Partial funding for the long-term preservation of approximately 900 acres of property in the Central Coast region of California.

\$350,000, *Other*

McBain Associates

San Joaquin River Restoration Technical Advisory Committee Services

Assist and advise the San Joaquin River Restoration Administrator regarding the implementation of the San Joaquin River Restoration Settlement.

\$64,500, *Other*

Mid Klamath Watershed Council

Mid Klamath Off-Channel Coho

Rearing Habitat Project

Create off-channel coho rearing habitat at four sites, finalize feasibility studies at three sites, and fund monitoring, maintenance and graduate research at 10 existing sites.

\$153,648, *Mitigation*

Montague Water Conservation District

Montague Water Conservation District

Shasta River Flow Enhancement Project

Develop a long-term habitat enhancement project resulting in the permanent in-stream dedication of conserved water to aid coho salmon.

\$75,075, *Mitigation*

Natural Resources Defense Council

San Joaquin River Restoration Technical Advisory Committee Services

Assist and advise the San Joaquin River Restoration Administrator regarding the implementation of the San Joaquin River Restoration Settlement.

\$35,600, *Other*

NewFields Companies, LLC

San Joaquin River Restoration Technical Advisory Committee Services

Assist and advise the San Joaquin River Restoration Administrator regarding the implementation of San Joaquin River Restoration Settlement.

\$55,380, *Other*

Oregon RFID

Steelhead Monitoring in South

San Francisco Bay

Purchase equipment for steelhead monitoring in South San Francisco Bay.

\$4,590.25, *Mitigation*

Oregon State University

Myxozoan Fish Disease Research and Monitoring

Complete research currently in progress that specifically addresses the use of flow manipulation as a management tool, and develop models for predicting mortality in juvenile coho salmon related to *Ceratomyxa* Shasta.

\$107,951, *Mitigation*

Point Millerton Ranch, LLC

Land Management of Mitigation Lands
Management of land in Madera County, California designated as mitigation for impacts associated with the Tract 4870 project in Fresno County, California.
\$13,009, *Mitigation*

San Diego Association of Governments

Water Quality and Sediment Disposal Studies
Conduct water quality assessments and sediment disposal studies to guide the Buena Vista Lagoon Enhancement project.
\$228,157, *State Civil Case*

Santa Barbara County — Agriculture

Rincon Creek Arundo Removal
Treat known infestations of arundo donax along the riparian corridor of Rincon Creek with herbicides and physical removal.
\$6,000, *State Civil Case*

Santa Barbara Zoo

Nest Management of Condors in Southern California
Monitor condor nests and collect data to determine the causes of nest failure and apply appropriate long-term solutions.
\$50,000, *Federal Criminal Case*

Scott River Water Trust

Emergency Stream Augmentation for the Scott River
Augment stream flows for salmonid benefit using a transaction between the Scott River Water Trust and Scott Valley Irrigation District for a large-scale monitoring and relocation effort.
\$50,000, *Mitigation*

Scott River Water Trust

Stream Flow Augmentation for Coho Salmon in the Scott River
Increase stream conditions for adult and juvenile coho salmon in the Scott River watershed during periods of low flow by leasing water from agricultural diverters through forbearance agreements.
\$57,433, *Mitigation*

Scott River Watershed Council

Juvenile Coho Habitat Improvement Using Beaver Dams
Work with beavers to increase the quality and quantity of juvenile coho salmon summer and winter rearing habitat in the Scott River and its tributaries in California.
\$57,518, *Mitigation*

Shasta Valley Resource Conservation District

City of Yreka Post-Restoration Management
Provide support for post-restoration management to control invasive weeds and maintain revegetation efforts at three city-owned project areas.
\$60,820, *State Civil Case*

SunPower Corporation

Land Management of Mitigation Lands
Management of land designated for mitigation of impacts associated with the California Valley Solar Ranch project in San Luis Obispo County, California.
\$690,444, *Mitigation*

Tom Johnson

San Joaquin River Restoration Administrator
Assist in implementation of the San Joaquin River Restoration Settlement by overseeing the Technical Advisory Committee and consulting on a variety of issues related to the implementation.
\$290,000, *Other*

Thomas K. Moss

Land Management of Mitigation Lands
Management of land designated as mitigation for impacts associated with the Pletz Residence project in Monterey County, California.
\$8,534, *Mitigation*

Tortoise Research Group, Inc.

2014 Raven Studies in the Chemehuevi Desert Wildlife Management Area
Research on the interaction between desert tortoises and common ravens in the Chemehuevi Desert Wildlife Management Area.
\$86,633, *Mitigation*

Trout Unlimited, Inc.

San Joaquin River Restoration Technical Advisory Committee Services
Assist and advise the San Joaquin River Restoration Administrator regarding the implementation of the San Joaquin River Restoration Settlement.
\$32,360, *Other*

U.S. Fish and Wildlife Service

McGrath Lake
Disbursement to benefit McGrath Lake.
\$5,000, *Federal Civil Case*

U.S. Forest Service — Inyo National Forest

Kern Plateau Meadow Habitat Improvement Project
Rehabilitate and enhance meadows, wetlands, and stream aquatic habitat within the Kern Plateau area of the South Fork Kern River and Kern River watersheds.
\$118,925, *Mitigation*

U.S. Forest Service — Sequoia National Forest

Long Meadow Restoration
Regain wetland ecosystem functions that were lost through the effects of legacy grazing, or other unknown legacy land use, in the Kern River watershed.
\$247,235, *Mitigation*

U.S. Forest Service —**Stanislaus National Forest**

Shell Meadow Restoration
Stabilize and protect a 3.2-acre meadow located on the Stanislaus National Forest.
\$22,300, *Mitigation*

U.S. Forest Service —**Stanislaus National Forest**

Twomile Wolfins Meadow Restoration
Preserve the hydrological function in Wolfin Meadow-Main and Wolfin Meadow-North, in turn improving the integrity of riparian vegetative communities in ways that would reduce future soil erosion and maintain viable wildlife populations.
\$41,093, *Mitigation*

U.S. Geological Survey —**Western Fisheries Research Center**

Myxozoan Fish Disease Research and Monitoring
Develop a series of models for predicting mortality of juvenile coho salmon caused by *Ceratomyxa Shasta* in the Klamath River.
\$7,989, *Mitigation*

Various Recipients

Salton Sea National Wildlife Refuge Fund
Assist in the conservation and management of fish and wildlife resources on the Salton Sea National Wildlife Refuge.
\$6,410, *Mitigation*

Ventana Wildlife Society

Contaminants Analysis of Condor Eggs in Central California
Analyze contaminants in condor eggs to better understand the effects on condor reproduction of fire retardants, rodenticides, antibiotics, heavy metals, and other organochlorine compounds, and to better understand DDT/DDE exposure in condors.
\$29,972, *Federal Criminal Case*

West Virginia University**Research Corporation**

California Condor Flight Response in a Variable Meteorological and Topographic Environment: Phase 1
Record movements of California condors to understand how their flight behavior (especially altitude above ground level) responds to variation in topography and weather, as part of larger efforts to understand how condor flight behavior may expose them to risk from wind-energy facilities.
\$30,000, *Mitigation*

Yurok Tribe

Restoring Off-Estuary Habitat in Hoppaw Creek, Klamath River
Create quality rearing habitat for natal and non-natal juvenile coho salmon in an off-estuary tributary of the Klamath River and assess restoration effectiveness.
\$124,918, *Mitigation*

COLORADO

ACES Engineering

San Juan River Fish Recovery Fund Support
Support work on the the Hogback Fish Barrier.

\$94,036, *Species Recovery*

Cal Poly Corporation — Irrigation Training and Research Center

San Juan River Fish Recovery Fund Support
Support work on the Hogback fish screen for the San Juan River.

\$60,383, *Species Recovery*

Colorado River Water Conservation District

Upper Colorado River Fish Recovery
Support for lease of water from Elkhead Reservoir to benefit endangered fish in the Yampa River.

\$30,000, *Species Recovery*

Eagle Environmental, Inc.

Survival of Golden Eagles Fledged in Colorado and Wyoming

Document mortality factors and movements of golden eagles from known nests in US FWS Region 6, then use this information to make informed decisions about laws, regulations, and permits pertaining to eagles.

\$31,500, *Federal Criminal Case*

SWCA Environmental Consulting, Inc.

Upper Colorado Fish Recovery
Goal Development

Assist the authorized agencies in developing recovery goals for the four endangered Colorado River fishes. Once developed, these goals will be implemented by involved agencies and stakeholders to facilitate management plans and strategies for delisting.

\$51,548, *Species Recovery*

Various Recipients

Electrofishing Standardization
for Upper Colorado River

Provide technical assistance to standardize Upper Colorado River Fish Recovery Program's electrofishing fleet.

\$6,175, *Species Recovery*

CONNECTICUT

Soundkeeper, Inc.

Soundkeeper Pumpout Program
Operation and Maintenance (CT, NY)
Maintain the Soundkeeper Mobile Pumpout Program that covers the costs of boat pumpout service from Westport, CT, to City Island, NY.

\$100,000, *State Civil Case*

FLORIDA

Avian Research and Conservation Institute, Inc.

Aerial Imaging Surveys for Sea Turtles in the Northern Gulf (AL, FL)

Conduct high-resolution aerial imaging to assess in-water abundance and distribution of sea turtles while eliminating many of the biases of boat-based surveys.

\$30,100, *Federal Criminal Case*

Audubon of the Western Everglades

Collier County Shorebirds Donation
Address shorebird conservation near Collier County, Florida.

\$5,100, *Federal Criminal Case*

Florida Department of Environmental Protection

St. Andrews and St. Joseph Bay
Aquatic Preserve Program

Protect, preserve, and restore aquatic resources through administration of the St. Andrews and St. Joseph Bay Aquatic Preserves to enhance seagrass, shellfish, sea turtle, and water bird populations.

\$131,778, *Federal Criminal Case*

Florida Fish and Wildlife Conservation Commission

Shorebird and Habitat Protection,
Monitoring and Stewardship
Conduct shorebird surveys, protect shorebird nesting areas against disturbance, monitor shorebird foraging areas, and capture and band shorebirds to determine movement patterns.

\$189,769, *Federal Criminal Case*

Mote Marine Laboratory, Inc.

Conserving Marine Life in the Florida Keys
Conduct research, management, education, conservation, and restoration of marine life and corals throughout the waters of the Florida Keys National Marine Sanctuary and the Florida Keys.

\$5,060, *Federal Criminal Case*

National Oceanic and Atmospheric Administration

Law Enforcement Equipment Purchases
Purchase of law enforcement equipment to assist in the location, identification, and abatement of resource violations within the National Sanctuaries, Refuges, and Parks of the Florida Keys and adjacent waters.

\$894, *Federal Criminal Case*

Northwest Florida State College Foundation, Inc.

Restoration of Multiple Habitat
Types in Walton County

Provide community-based restoration of 281.24 acres of coastal plain habitats: oyster, salt marsh, coastal dune lake, and wetland. Project includes volunteer and education opportunities.

\$62,836, *Federal Criminal Case*

St. Andrew Bay Resource Management Association, Inc.

Restoring Shorelines, Wetlands and Seagrasses in St. Andrew Bay
Restore shorelines, wetlands, and seagrasses using living shoreline techniques in St. Andrew Bay in Bay County. Monitoring will document success. Project includes education/outreach components.

\$142,160, *Federal Criminal Case*

University of South Florida

Grouper Authentication Mobile System
Develop a grouper authentication system that will produce and market a field-amenable genetic detection technology to rapidly detect illegal seafood substitution.

\$25,000, *Federal Criminal Case*

U.S. Geological Survey — Southeast Ecological Science Center

Spatial Overlap of Fishing and Turtles in St. Andrew Bay
Quantify and characterize fishing activities and turtle habitat use in St. Andrew Bay and develop an instructional pamphlet for fisherman to help reduce mortality of turtles as bycatch.

\$165,900, *Federal Criminal Case*

Wildlife Foundation of Florida, Inc.

Oyster Reef Habitat Restoration in the St. Andrew Bay
Restore 0.7 acres of native oyster reef habitat in St. Andrew Bay. Restoration goals include fisheries enhancement, water quality improvement, increased biodiversity, and community engagement.

\$74,912, *Federal Criminal Case*

HAWAII

Ho'ilina Ranch

Fence Maintenance and Ungulate Control at Kona Forest Unit
Maintain fences on conservation lands and remove feral ungulates from the Kona Forest Unit of Hakalau Forest National Wildlife Refuge.

\$78,400, *Other*

LOUISIANA

Louisiana State University Agricultural Center

Printing for Marine Debris Educational Materials
Print banners and pamphlets to support marine debris education in Louisiana.

\$3,594, *Federal Criminal Case*

McNeese State University Southwest Louisiana Air Quality Monitoring and Analysis

Deploy an air quality monitoring network in southwest Louisiana, focusing on oil refineries and related activities. The data will be used to determine impacts on health and the environment.

\$485,000, *Federal Criminal Case*

University of New Orleans

Research and Development of Turtle Excluder Devices for Louisiana Shrimp Fishery

Create the framework for a voluntary pilot initiative that will address negative perceptions regarding the use of turtle excluder devices. The proposed project will involve working with Louisiana shrimpers. \$203,583, *Federal Criminal Case*

MAINE**Atlantic Salmon Federation (U.S.), Inc.**

Improving Fish Passage in Maine's Atlantic Salmon Watersheds

Improve fish passage for Maine's native assemblage of sea-run fish through dam removals, fishway constructions, and the placement of large woody debris. \$49,989, *Federal Criminal Case*

Passamaquoddy Tribe — Pleasant Point

St. Croix River Fish Passage

Conduct a fish passage project in the St. Croix River watershed to enhance five miles of stream for migratory and native species including river herring, Atlantic salmon, and brook trout. \$40,000, *Federal Criminal Case*

Wells National Estuarine Research Reserve

Restoration of Fish Passage in Two Coastal Maine Rivers

Restore fish passage for sea-run fishes in Branch Brook, monitor use of the Branch Brook fish ladder by target species, and develop pre-restoration assessment of Goff Mill Brook fish passage. \$20,000, *Federal Criminal Case*

MONTANA**Various Recipients**

Benton Lake National Wildlife Refuge

Restoration work on the Lost Trail National Wildlife Refuge Restoration Project, funded as part of the mitigation requirement related to the fish, wildlife, and habitat impacts of PPL Montana's Kerr Project. \$54,441, *Mitigation*

NEVADA**Ducks Unlimited, Inc.**

Carson Lake and Pasture Wetland Habitat Improvement

Enhance approximately 1,200 acres of wetlands by providing improved water delivery to Sprig Pond. Project activities include repairing ditch banks and replacing control structures. \$15,400, *Federal Criminal Case*

Smith Creek Ranch LLC

Smith Creek Ranch Habitat Improvement

Improve stream condition and restore hydrology to an adjacent meadow by using Pinyon and Juniper trees to mimic the natural stream activities of beavers. Project will demonstrate the efficacy of a relatively low-cost but highly effective restoration technique. \$19,600, *Federal Criminal Case*

STORM-OV, Inc.

Oasis Valley Riparian Restoration

Remove salt cedar, a state-listed noxious weed, and restore natural stream flows and native vegetation. \$35,000, *Federal Criminal Case*

Various Recipients

Nevada National Wildlife Refuge Land and Water Acquisition Fund

Acquire replacement lands, waters or interests in lands or waters for national wildlife refuges in Nevada. \$5,882, *Mitigation*

NEW JERSEY**American Littoral Society**

SpillSpotters Phase II: Coastal Stewardship and Education

Expand citizen oil-spill response and protection network by adding Sandy impacts, technology, and training to the work of learning about and protecting New Jersey's coastal wildlife and habitat. \$67,000, *Federal Criminal Case*

NEW MEXICO**U.S. Fish and Wildlife Service —****Bitter Lake National Wildlife Refuge**

Expanding Migratory Bird Habitat at Bitter Lake National Wildlife Refuge

Create restoration units to manage water necessary for the restoration and maintenance of 80 acres and complement a perennial wetland/oxbow project at a 34-acre site. Project will benefit waterfowl, shorebirds, wading birds, and other migratory birds, as well as invertebrates and native fish species. \$37,000, *Other*

Wild Fish Engineering, LLC

Sediment Deposition Investigation

Investigate management of sediment deposition problems at the Public Service Company of New Mexico Diversion Dam fishway located on the San Juan River in Fruitland, NM. \$4,845, *Species Recovery*

NEW YORK**CEC Stuyvesant Cove, Inc.**

Solar One's Green Design Lab Environmental Education Program

Implement the "Green Design Lab" K-12 program at MS 126 and PS 110 in Greenpoint. Project will use interactive activities related to water, air, energy, materials, and food, along with student-led greening projects, to inspire students to participate in improving the environment and health of their schools, homes and community. \$24,954, *Other*

Center for Educational Innovation — Public Education Association

Brooklyn Native Wildlife Restoration Project at MS 126 K

Create wildlife demonstration sites using native plants, shrubs and shade trees at two MS 126 locations. \$24,998, *Other*

Community Environmental Center, Inc.

Feasibility Study for Greenpoint Community Compost Site

Determine the feasibility of developing a community compost site in Greenpoint. The study will examine community attitudes toward composting, siting options (ideally a brownfield site), the possibility of using compost to remediate soils in Greenpoint, and the costs and benefits of various composting technologies. \$12,500, *Other*

Cornell University

Passive Acoustic Monitoring of Lake Sturgeon in the St. Lawrence River Basin

Monitor lake sturgeon using passive acoustic monitoring to understand the occurrence and seasonality of sturgeon spawning and migration ecology. \$9,684, *Mitigation*

Electric Power Research Institute (EPRI)

Eel Passage Research Center

Develop and manage an eel passage research center to help determine effective ways to help migrating adult eels pass hydroelectric facilities. \$1,150,000, *Mitigation*

Greenpoint Reformed Church

Green Roof Feasibility Study

Determine the feasibility of installing a green roof on the Greenpoint Reformed Church, located at 136 Milton Street. An engineering study will be conducted to determine the strength and durability of the roof, originally constructed in 1848. A detailed description of roof conditions and an estimate for installation of a green roof will be prepared. \$5,000, *Other*

Groundswell Community Mural Project Inc.

Environmentally Themed Mural

Engage 15 local youths in the design and creation of a large-scale public artwork that explores the history of environmental justice and advocacy in Greenpoint.

\$25,000, *Other*

In Our Backyards, Inc.

Improving Sustainable Practices at

Java Street Community Garden

Improve sustainable practices at a GreenThumb community garden, including a rainwater garden and stormwater collection system, a perennial sidewalk garden, sheltered community gathering space, native plants and solar panels to serve as a renewable energy source for the garden.

\$19,178, *Other*

National Audubon Society, Inc.

For the Birds! Greenpoint at Public School 110

The Monitor School

Implement a “For the Birds!” environmental education program at the Monitor School (Public School 110). Project will move between the classroom and Monsignor McGolrick Park.

\$24,857, *Other*

National Audubon Society, Inc.

For the Birds! Greenpoint at

St. Stan Kostka Catholic Academy

Implement a “For the Birds!” environmental education program at St. Stanislaus Kostka Catholic Academy. Project will move between the classroom and Monsignor McGolrick Park.

\$24,857, *Other*

New York City Audubon Society, Inc.

Urban Oasis in McGolrick Park

Create an urban oasis in McGolrick Park. Project will entail identifying and planting native species, including wildflowers, that provide food and shelter for migratory birds, inventorying birds before and after planting, and engaging volunteers to plant and maintain the species in McGolrick Park.

\$24,871, *Other*

Newtown Creek Alliance

North Henry Street End Restoration Planning

Lay the groundwork for transforming the end of North Henry Street into an ecologically restored and publicly accessible open space and shoreline.

\$24,735, *Other*

Newtown Creek Alliance

The Living Dock

Design and build a biological “living” dock for the purpose of creating a prototype of combining aquatic remediation strategy, education and access for the Newtown Creek.

\$24,980, *Other*

Open Space Alliance for North Brooklyn, Inc.

61 Franklin St. Garden Infrastructure

and Rain Harvest Build

Further the development of a self-sustaining New York City GreenThumb community garden, including improving the planting space, constructing community education spaces, and rain water harvesting facility.

\$25,000, *Other*

Open Space Alliance for North Brooklyn, Inc.

Environmental Education Shed

Provide hands-on environmental education through a research outpost dedicated to establishing and elevating the connection between Greenpoint residents and their surrounding marine environs.

\$24,426, *Other*

Open Space Alliance for North Brooklyn, Inc.

Floating Classrooms on

Greenpoint’s Waterways

Expand a waterways environmental education program. Project will add two 12- to 14-person canoes to the current fleet of 25 small boats.

\$24,693, *Other*

Open Space Alliance for North Brooklyn, Inc.

Keeping Cigarette Butts Out of Newton Creek

Deliver a campaign focused on raising awareness of and putting an end to the problem of inappropriately disposed cigarette butts fouling Newtown Creek. The campaign will couple the placement of cigarette disposal containers labeled with “Don’t put your butt in the creek” outside Greenpoint bars and restaurants with community education and publicity about the problem of cigarette butts in the creek.

\$24,660, *Other*

Raritan Baykeeper, Inc.

Jamaica Bay Pump-out Boat Program — III

Travel throughout the bay pumping out recreational boat sewage holding tanks and improving Jamaica Bay’s water quality.

\$50,000, *State Civil Case*

Soundkeeper, Inc.

Soundkeeper Pumpout Program

Operation and Maintenance (CT, NY)

Maintain the Soundkeeper Mobile Pumpout Program that covers the costs of boat pumpout service from Westport, CT, to City Island, NY.

\$100,000, *State Civil Case*

The Eyebeam Atelier, Inc.

Soil Cycle: A Mobile Compost Initiative

Conduct a mobile compost initiative to be delivered at three Greenpoint schools (Citizens of the World Charter School, John Ericsson MS 126 and Northside Charter High School) using specially-designed cargo bikes to collect organic wastes from local schools, compost the wastes as the rider pedals, and allow the composting process to be monitored. Students will learn first-hand the basics of microbiology, the practice and benefits of urban composting, and also reduce the organic waste generated by their schools.

\$25,000, *Other*

Thousand Islands Land Trust

St. Lawrence River Tributary

Assessment Project — II

Hire two technicians that will assist with conducting field sampling and research in full collaboration with the U.S. Fish and Wildlife Service.

\$35,519, *Mitigation*

Various Recipients

St. Lawrence FEMRF Expenses

Address impacts to fish resources in the Lake Ontario/St. Lawrence River basin.

\$61,403, *Mitigation*

YMCA of Greater New York —**Greenpoint Branch**

Green Beans Environmental Education

Deliver an educational program for children ages 5–12. The effort will be a science, technology, engineering, and math (STEM) program focused on environmental science, nature, gardening, and technology that educates over 200 local children every year. The project will involve an after-school program that takes place in and supports the Lentol Garden. Students will learn about rainwater collection systems and environmental monitoring, and participate in plant maintenance and composting.

\$22,750, *Other*

NORTH CAROLINA**North Carolina Department of****Environment and Natural Resources**

Water Quality Monitoring for River Herring

Monitor trends in water quality throughout Albemarle Sound and its tributaries to enhance fisheries management for river herring and all finfish species.

\$70,000, *Federal Criminal Case*

OREGON**University of California — Davis**
Detecting Regulated Species in U.S.
Shark Fin Imports (OR, SC, WA)

Describe the composition of a range of U.S. shark fin import consignments and design approaches to increase field agents' success of detecting fins from regulated and threatened species.

\$30,000, *Federal Criminal Case*

SOUTH CAROLINA**University of California — Davis**
Detecting Regulated Species in U.S.
Shark Fin Imports (OR, SC, WA)

Describe the composition of a range of U.S. shark fin import consignments and design approaches to increase field agents' success of detecting fins from regulated and threatened species.

\$30,000, *Federal Criminal Case*

TEXAS**U.S. Fish and Wildlife Service — Region 2**

Lower Trinity River Habitat Restoration
Acquire Ripkowski tract of land near the Trinity River National Wildlife Refuge.

\$16,248, *Mitigation*

UTAH**SWCA Environmental Consulting, Inc.**

Rare Cactus Monitoring in the Uinta Basin — II
Continue to conduct range-wide

demographic and habitat monitoring for rare cactus to statistically quantify habitat conditions and population processes.

\$59,957, *Mitigation*

Various Recipients

Utah Prairie Dog Conservation Fund

Implement on-the-ground application of the Conservation Strategy and Recovery Plan for the Utah prairie dog.

\$7,000, *Mitigation*

VIRGINIA**Chesapeake Bay Foundation, Inc.**

Native Oyster Restoration in the Lafayette

Implement a multi-faceted program that will foster the creation and restoration of native oyster species and oyster reef ecosystems in the Chesapeake Bay.

\$200,000, *Federal Criminal Case*

Conservation Management**Institute at Virginia Tech**

Soil Health and Water Quality
Project in Virginia

Hire a conservation agronomist who will serve a 10-county region in the Northern Neck and Middle Peninsula area. Project will directly involve area landowners to improve soil and water quality.

\$259,062, *Federal Criminal Case*

Gloucester County, Virginia

John's Point Living Shoreline

Install a living shoreline at the John's Point Public Boat Landing.

\$58,955, *Federal Criminal Case*

Various Recipients

Great Dismal Swamp Fund

Assist in repair and rehabilitation of the Great Dismal Swamp National Wildlife Refuge, which was damaged by the South One Fire.

\$86,737, *Federal Civil Case*

WASHINGTON**EarthCorps**

East Fork Hylebos Creek Wetland/
Riparian Restoration

Restore at least 10 acres of wetlands and riparian forest surrounding Hylebos Creek in the East Hylebos Ravine to remove invasive plants, re-establish healthy forest processes, and improve habitat.

\$59,957, *Community Service Payment*

University of California — Davis

Detecting Regulated Species in U.S.
Shark Fin Imports (OR, SC, WA)

Describe the composition of a range of U.S. shark fin import consignments and design approaches to increase field agents' success of detecting fins from regulated and threatened species.

\$30,000, *Federal Criminal Case*

WYOMING**Eagle Environmental, Inc.**

Survival of Golden Eagles Fledged
in Colorado and Wyoming

Document mortality factors and movements of golden eagles from known nests in Region 6, then use this information to make informed decisions about laws, regulations, and permits pertaining to eagles.

\$31,500, *Federal Criminal Case*

Teton Raptor Center, Ironside Bird Rescue

Eagle Rehabilitation and Conservation

Support two eagle rehabilitation centers in Wyoming.

\$9,600, *Federal Criminal Case*

**U.S. Fish and Wildlife Service —
Seedskaadee National Wildlife Refuge**

Conservation in Seedskaadee
National Wildlife Refuge

Fund projects, programs, equipment, and activities that benefit the Seedskaadee National Wildlife Refuge.

\$3,680, *Federal Criminal Case*

INTERNATIONAL**AMERICAN SAMOA****American Samoa Department of
Marine and Wildlife Resources**

American Samoa Marine Debris
Prevention Program

Create a measurable, community-based trash reduction and removal program to protect coral reef ecosystems in American Samoa.

\$87,825, *Federal Criminal Case*

Samoa Maritime Company

American Samoa Faga'alu Quarry
Design Implementation

Fund additional beneficial design elements to the stormwater management engineering plans for the Faga'alu Quarry.

\$92,820, *Federal Criminal Case*

PUERTO RICO**University of Puerto Rico — Mayaguez**

Initial Assessment of Seagrass in Puerto Rico

Study anthropogenic impacts to seagrass habitats in Southern Puerto Rico, from Guánica to Santa Isabel using a stepwise approach with the goal of suggesting conservation strategies.

\$149,605, *Federal Civil Case*

RUSSIA**World Wildlife Fund, Inc.**

Championing Caspian Sturgeon at the
2014 Winter Olympics (Russia)

Support effective mechanisms of sturgeon conservation: traceability and labeling of frozen fish and caviar, and hydropower station water flow optimization.

\$100,000, *Other*



NFWF

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