OFFICE FOR COASTAL MANAGEMENT

Habitat Protection and Restoration Awards
National Coastal Zone Management Program

In April 2024, NOAA announced the distribution of $59.8 million for state and territory coastal management programs, $15 million for national estuarine research reserves, and $48 million for essential planning, collaborative engagement, and policy development and implementation. Funding is from the Bipartisan Infrastructure Law and Inflation Reduction Act to support coastal habitat restoration planning, engineering, and design projects, and implementation and land conservation projects. This slate of 22 projects across 16 states (coastal zone management) and eight projects across seven states (research reserves) will advance the resilience of their coastal communities. Award descriptions are below, and can be downloaded here.

Find the previous year's award descriptions here.

Combined Hydrology, Water Quality, and Botanical Characterization to Guide Coastal Wetland Restoration and Management
Recipient: The Board of Trustees of the University of Illinois
Project Type: Habitat Restoration Planning, Engineering, and Design
Funding Amount: $2,311,672
Congressional District(s): IL-13
Summary: This project will result in baseline data and analyses to inform future restoration of wetlands and beach plant communities within the Illinois Beach State Park. The project will also support enhanced educational opportunities for students and interns and updated interactive educational and recreational opportunities for park users.

Creating a Resilient and Sustainable Valley Creek Corridor
Recipient: Wisconsin Department of Administration
Project Type: Habitat Restoration Planning, Engineering, and Design
Funding Amount: $500,000
Congressional District(s): WI-06
Summary: This project will result in plans to restore the entire 1.8-mile Valley Creek urban riparian corridor, an important Lake Michigan coastal tributary. The City of Port Washington and the Wisconsin Coastal Management Program will partner to develop 90 percent design plans that include nature-based solutions to prevent degradation, protect critical infrastructure, reduce flooding risk, and restore riparian, floodplain, and estuary habitat.

Gile Flowage Land Conservation Project
Recipient: Wisconsin Department of Administration
Project Type: Land Conservation
Funding Amount: $4,100,000
Congressional District(s): WI-07
Summary: This project will acquire 1,055 acres of undeveloped property in Iron County, Wisconsin, to provide long-term conservation of critical habitat in Lake Superior's coastal zone. The acquisition will add to a contiguous block of county-owned land that is managed for conservation values, including habitat corridors, climate resilience, and public access. The project will support underserved and tribal communities by ensuring permanent public accessibility to the land and protecting treaty rights usage by the Lac du Flambeau and Bad River Indian reservations.

Manatee River Corridor Acquisition
Recipient: Manatee County Government, Environmental Lands Program
Project Type: Land Conservation
Funding Amount: $5,000,000
Congressional District(s): FL-16
Summary: This land purchase will protect and conserve 68 acres of native coastal habitat in perpetuity. The Crooked River Ranch property is one of the few large undeveloped parcels along the Manatee River, and will contribute significantly to creating a connected wildlife corridor and enhancing climate resilience and water quality in an area under intense pressure from development.

Southbridge East Habitat Restoration Planning Project
Recipient: City of Wilmington, Department of Public Works
Project Type: Habitat Restoration Planning, Engineering, and Design
Funding Amount: $333,558
Congressional District(s): DE-at-large
Summary: This planning project will produce designs for the restoration and enhancement of 12.7 acres of degraded wetland habitat along the Christina River in the Southbridge community. Implementation of these designs will help the community reduce flooding, enhance resiliency, accomplish ecological restoration, improve water quality in the Christina River, and create recreational opportunities for its residents and visitors.

Popes Creek Waterfront Park Living Shoreline Design
Recipient: Maryland Department of Natural Resources
Project Type: Habitat Restoration Planning, Engineering, and Design
Funding Amount: $120,865
Congressional District(s): MD-05
Summary: This investment will fund the design of a living shoreline along the Potomac River where it meets Popes Creek in Charles County, Maryland. The site, a former commercial restaurant, is currently being transformed into a nature-based public park in response to inclusive community input, but is subject to sea level rise, erosion, and storm impacts resulting from climate change. The project will result in plans to stabilize the shoreline with nature-based features, effectively demonstrating equitable climate resilience grounded in the connection between healthy biodiverse ecosystems and healthy human communities.

Conservation and Restoration of Biodiverse Chowan Watershed to Provide Climate Resilience, Tribal Collaboration, and Public Access
Recipient: Virginia Department of Environmental Quality/Virginia Coastal Zone Management Program
Project Type: Land Conservation
Funding Amount: $5,631,150
Congressional District(s): VA-04
Summary: This project will allow Virginia to acquire 1,900 acres of one of the largest unprotected blocks of contiguous forest in the Albemarle-Pamlico watershed region. The purchase will allow for the future restoration of climate-resilient forests in one of the world's biodiversity hotspots, improve water quality in the Chowan River basin, provide an impetus for novel communication and collaboration with regional American Indian tribes, and create one of the region's preeminent public access opportunities.

Restore Oyster Reef Habitat in the Mullica River-Great Bay Estuary through Expanded Atlantic City Shell Recycling Program
Recipient: New Jersey Coastal Management Program
Project Type: Habitat Restoration
Funding Amount: $1,271,506
Congressional District(s): NJ-2
Summary: This project will expand the scale of New Jersey's successful Atlantic City Shell Recycling and Oyster Reef Restoration Program. Funding will support increased shell material

collection and expanded restoration efforts within the Mullica River-Great Bay estuary. This expansion will create additional resilience in the existing oyster reefs while increasing the footprint of the reef system by 10 acres through coordinated shell planting efforts. The project team will also collaborate with local schools in the region to develop academic programs that allow students to engage in habitat-related scientific work.

Increasing Resilience of Public Access, Passive Recreation, and Habitat on Winnapaug Pond
Recipient: Rhode Island Coastal Resources Management Council
Project Type: Land Conservation
Funding Amount: $2,635,000
Congressional District(s): RI-02
Summary: This project will preserve a five-acre coastal property containing salt marsh along an ecologically sensitive barrier peninsula in Westerly, Rhode Island. The Rhode Island Coastal Resources Management Council will partner with the Rhode Island Department of Environmental Management, Narragansett Bay National Estuarine Research Reserve, and the Town of Westerly to protect this coastal wetland and marsh migration pathway and provide opportunities for the public to enjoy and recreate on Winnapaug Pond.

Upper Bass River Coastal Habitat Restoration Project
Recipient: Massachusetts Executive Office of Energy and Environmental Affairs
Project Type: Habitat Restoration
Funding Amount: $4,666,515
Congressional District(s): MA-09
Summary: This project will restore 57 acres of former cranberry bogs to a functioning wetland system in the Town of Yarmouth, Massachusetts. Restoration activities will include the partial removal of a dam, replacement of a concrete fishway with a natural channel, targeted removal of berms and flow control structures, and replacement of an undersized culvert. This project, in combination with other work in the watershed, will support restoration of over 160 acres of the Bass River ecosystem.

Puritan Bog Coastal Wetland Restoration Project
Recipient: Massachusetts Executive Office of Energy and Environmental Affairs
Project Type: Habitat Restoration Planning, Engineering, and Design
Funding Amount: $338,134
Congressional District(s): MA-09

Summary: This project will complete modeling, design, and permitting to restore 15 acres of coastal wetland at a retired cranberry bog in the Town of Bourne, Massachusetts. The project will lead to restored wetland structure and function, reestablished tidal exchange, and enhanced ecosystem and community resilience to climate change. Restoration designs will be achieved through a meaningful and iterative collaboration among technical team members, local community liaisons, and the public.

Planning for Resilient Restoration of Scarborough Marsh
Recipient: Scarborough Land Trust
Project Type: Habitat Restoration Planning, Engineering, and Design
Funding Amount: $1,402,308
Congressional District(s): ME-01
Summary: This project will result in a pipeline of restoration and conservation projects that will repair legacy impacts, improve public access, and protect areas for marsh migration in Scarborough Marsh. Design plans developed through this award will incorporate best available science and best management practices to inform infrastructure investments and restoration and conservation efforts around the marsh.

Using Restored Tidal Flow to Combat Migratory Fish Decline and Increase Climate Resilience
Recipient: Maine Department of Marine Resources
Project Type: Habitat Restoration
Funding Amount: $4,490,000
Congressional District(s): ME-01 and ME-02
Summary: These funds will be used to replace aging, undersized pipe culverts that restrict tidal flow with habitat-supportive spans designed in two Maine towns, using best practices and incorporating climate resilient features. Replacement of culverts at the Buttermilk Brook crossing in Brunswick and Corbett Brook crossing in Perry will improve salt marsh connectivity and resilience, providing critical habitat for commercially and culturally important fish species for the Passamaquoddy Tribe.

Dune Restoration, Community Outreach, and Capacity-Building Project at Hanapēpē Salt Pond, Kauaʻi, Hawaiʻi
Recipient: County of Kauaʻi, Planning Department
Project Type: Habitat Restoration Planning, Engineering, and Design
Funding Amount: $449,484

Congressional District(s): HI-02
Summary: This project will plan and implement a dune restoration program at Hanapēpē Salt Pond to create an essential buffer against storm surge and sea level rise, and will protect the natural resources integral for the traditional and customary Native Hawaiian practice of saltmaking. Intended benefits include improved habitat for native flora and fauna due to a restored elevated dune system, a marine flooding buffer, enhanced public access, and increased beach health.

Little River Neck and Waites Island—Merrill Boyce Tracts
Recipient: South Carolina Department of Parks, Recreation, and Tourism
Project Type: Land Conservation
Funding Amount: $4,000,000
Congressional District(s): SC-07
Summary: This project will preserve a total of 107 acres of pristine coastal habitat in Horry County, South Carolina. This collaborative acquisition and conservation project will increase public access and recreational opportunities along the Little River Neck, Waites Island, and Marsh Island and create multi-state habitat connectivity along the South Carolina and North Carolina border.

Lanier Boulevard Flood Resiliency through Acquisition Project
Recipient: Department of Natural Resources Coastal Resources Division – Georgia Coastal Management Program
Project Type: Land Conservation
Funding Amount: $1,345,554
Congressional District(s): GA-01
Summary: These funds will be used to acquire property along Lanier Boulevard in Brunswick, Georgia. Under imminent threat of development, conservation of this property will be integral to safeguarding this vulnerable community from the compounded effects of coastal flooding, high tide flooding, sea level rise, and stormwater runoff.

Conserving Tidal Wetlands in the Coquille River
Recipient: Oregon Department of Fish and Wildlife
Project Type: Land Conservation
Funding Amount: $2,123,667
Congressional District(s): OR-04

Summary: This project will protect 528 acres of tidal wetlands—a high priority ecosystem—along the Coquille River on Oregon's southern coast. The property represents a previously common and contiguous habitat type that is now highly fragmented and rare in the Coquille River basin. The Oregon Department of Fish and Wildlife will purchase the property, incorporate it into their Coquille Valley Wildlife Area, and steward the land in perpetuity to protect, enhance, and restore it for the benefit of fish and wildlife; manage habitat consistent with their mission; provide public fish and wildlife-oriented recreation and education; and promote tribal access to traditional foods and resources.

Rancho Cañada Floodplain Restoration Project
Recipient: California State Coastal Conservancy
Project Type: Habitat Restoration
Funding Amount: $6,000,000
Congressional District(s): CA-20
Summary: This project is focused on restoring a one-mile section of the Carmel River so that natural processes will reconnect the river with historic floodplain habitat and create a mosaic of self-sustaining riparian habitat types and instream complexity, benefitting the federally threatened South-Central California Coast steelhead and other species. The project will also restore and expand habitat for other diverse species, enhance multiple wildlife corridors, and create new opportunities for nature-based environmental education and recreation. The reconnected, lowered floodplains will create a self-sustaining, climate-resilient river system that can respond to a changing climate.

Conservation of Collins Creek Confluence and Ocean Shoreline
Recipient: Oregon Department of Land Conservation and Development – Coastal Management Program
Project Type: Land Conservation
Funding Amount: $4,851,805
Congressional District(s): OR-04
Summary: Through this project, the Confederated Tribes of Siletz Indians will acquire a 42-acre beachfront property currently threatened by development. This property is located in an area of historic tribal villages and settlements within the tribe's original reservation. It has a healthy, diverse community of native plants and features creeks that converge into wetlands that lead into the Pacific Ocean. The goal is to purchase and manage this property in perpetuity, primarily for its habitat, cultural, and climate resilience values, but also for tribal resource access and passive recreation for the tribe and the public. Protection of this property—one of the last great pieces of undeveloped oceanfront in the region—is a critical, urgent priority for meeting Oregon's coastal resilience and conservation goals.

Owl Creek Habitat Restoration Project, Phase Two
Recipient: Trout Unlimited
Project Type: Habitat Restoration
Funding Amount: $1,576,523
Congressional District(s): WA-08
Summary: This project will restore over a mile of Owl Creek and floodplain, significantly improving spawning and rearing habitats for salmonids. Restoration actions include large wood placement, floodplain reconnection, riparian planting, and invasive plant management. This project will create local job opportunities, support coastal communities and their resilience to climate change, and benefit spring/summer chinook, fall chinook, coho, steelhead, and resident trout species.

Integrated Resilience Strategy for the Padilla Bay Coastal Community
Recipient: Washington State Department of Ecology
Project Type: Habitat Restoration Planning, Engineering, and Design
Funding Amount: $500,000
Congressional District(s): WA-02
Summary: This project will advance a holistic vision for community climate adaptation and habitat restoration in Padilla Bay, Washington. It will advance the currently funded Samish restoration project in planning a design solution that delivers tidal marsh, tidal slough, and connectivity benefits while also improving road and dike infrastructure resilience through developing a numerical model for restoration design. A secondary goal builds on community discussion catalyzed by the current project to convene a broader resilience working group to address the sea level rise vulnerabilities of roads, dikes, agriculture, drainage, rural communities, and habitat along the eastern shore of Padilla Bay, the Samish River delta, and the southern and western shores of Samish Bay.

Elk River Estuary Restoration: Final Design, Permitting, and Construction
Recipient: California Trout
Project Type: Habitat Restoration
Funding Amount: $6,000,000
Congressional District(s): CA-02
Summary: The Elk River Estuary Restoration Project is the initial implementation step of a decades-long, community-based program to resolve legacy sediment and water quality impairment issues from excessive timber harvest, while also providing regional resilience to sea

level rise and large episodic storm events. The project is intended to improve hydrologic and sediment processes, water quality conditions, and aquatic and riparian habitat functions in Elk River, ultimately reducing nuisance flooding in rural residential properties and agricultural land in this economically disadvantaged community.

OFFICE FOR COASTAL MANAGEMENT

National Coastal Zone Management Program
Habitat Protection and Restoration Awards

In April 2023, NOAA announced the distribution of $74.4 million in funds from the Bipartisan Infrastructure Law and Inflation Reduction Act for coastal zone management programs to support coastal habitat restoration and conservation projects and capacity-building. This includes $50.1 million across 20 projects and $24.3 million to support capacity-building and additional staff to manage these, and to develop impactful projects and carry out other projects, planning, and initiatives to advance the resilience of their coastal communities. Award descriptions are below, and can be downloaded here.

Conservation of Coastal Pine Savanna and Emergent Marsh Habitat on West Fowl River, Mississippi Sound in Mobile County, Alabama

Recipient: Alabama Department of Conservation and Natural Resources

Federal Funding: $1,103,000

Summary: This land purchase will conserve and protect sensitive tidal marsh, pine flatwood, and savanna habitats, which act as a habitat and nursery ground for commercially and recreationally important fishery species, protect uplands from storm surge and coastal flooding, and allow carbon to be sequestered.

American Samoa Wetlands Delineation

Recipient: American Samoa Government Department of Commerce

Federal Funding: $203,000

Summary: This investment will benefit ecosystems and communities by completing an effort to verify and map wetlands, as well as conducting wetland monitoring, partner training, and community outreach workshops on their ecosystem benefits. The effort will also support the update of land use permitting policies and regulations to help ensure the protection of these wetlands and the services they provide, including the mitigation of flooding, and will help identify and inform prioritization of future nature-based restoration projects in each wetland village.

Restoring and Strengthening Resilience of Maui Nui Reefs

Recipient: The Coral Reef Alliance

Federal Funding: $3,194,361

Summary: This investment will restore habitats and strengthen coastal resilience at two sites in West Maui and South Molokaʻi in Hawaiʻi. Specifically, this project will restore the lower Wahikuli streambank, restore estuarine habitat within two 30-acre fishponds in south shore Molokaʻi, engage the community in designing a water quality outreach and education program, and document lessons learned to inform and scale future restoration efforts statewide.

Critical Conservation Land Acquisition for Climate Resilience in the Northeast Florida Blueway

Recipient: Florida Department of Environmental Protection

Federal Funding: $6,000,000 ($5,373,363 in FY22 funds; $626,637 in FY23 funds)

Summary: This award will fund the acquisition of a portion of the remaining 10,976 acres of the 73,400- acre Northeast Florida Blueway project, which is part of the Florida Forever Program's Climate Change Lands. Most of the acquisition is within the Guana Tolomato Matanzas National Estuarine Research Reserve and will protect and maintain the waters and shoreline plant communities of the Tolomato and Matanzas Rivers, which provide critical habitat for 14 federally listed species of plants and animals.

Ossabaw Island Living Shoreline: A Collaboration to Model Resiliency through Ecosystem Restoration

Recipient: Georgia Department of Natural Resources, Coastal Resources Division

Federal Funding: $826,000

Summary: This project will result in the design and construction of a living shoreline on Ossabaw Island in Georgia. Significant ecological and cultural resources are being lost to erosion on the island due to an increase in storm events, wave frequency, and tidal inundation. The project will restore functional estuarine habitat and protect natural shoreline ecosystems, while preserving unique cultural and archeological resources.

Coastal Conservation at Rockefeller Wildlife Refuge Cameron Parish, Louisiana

Recipient: Louisiana Department of Wildlife and Fisheries

Federal Funding: $4,000,000

Summary: This purchase of 6,800 acres of critical coastal habitat in Cameron Parish, Louisiana, directly adjacent to the Rockefeller Wildlife Refuge, will reduce coastal flood risks, conserve

critical ecosystems, and preserve habitats for a variety of coastal resources, as well as provide much needed public recreational opportunities through the expansion of public lands.

Coastal Habitat Resilience and Community Adaptation in Downeast Maine

Recipient: Maine Department of Marine Resources

Federal Funding: $1,654,680

Summary: This project will apply innovative, science-based approaches to inform the planning and design of infrastructure projects. The project will strengthen partnerships through a collaborative, locally-led process to gather new scientific information and work with communities to derive solutions to flooding that also benefit key habitats to alewifes and other sea run fish, and will result in increased local and regional capacity to manage and implement similar projects in Downeast Maine.

Manchester Central Street Bridge Replacement and Sawmill Brook Restoration Project

Recipient: Executive Office of Energy and Environmental Affairs

Federal Funding: $1,561,511

Summary: This award supports habitat restoration and fish passage while increasing resiliency for the Town of Manchester-by-the-Sea. The project includes replacing the Central Street Bridge, removing a tide gate structure, upgrading channel walls, restoring saltmarsh wetlands, and creating living shorelines to stabilize the stream banks. One acre of salt marsh and 1,534 linear feet of stream connectivity will be restored, which in turn will improve resiliency for the Sawmill Brook watershed and the community.

Truro Pamet River Restoration

Recipient: Massachusetts Executive Office of Energy and Environmental Affairs

Federal Funding: $2,183,779

Summary: This award will result in a feasibility study and the collection of the data necessary to design a remediation of six tidal restrictions within five project focus areas: the Little Pamet River, Lower Pamet, Upper Pamet, Mill Pond, and Eagle Neck Creek Earthen Berm. These elements together will support the greater goal of restoring salt marsh functioning within the Pamet River system.

Resilient Tidal Crossings Project - Building Resilience through Upgraded Replacements of High Priority Tidal Culverts

Recipient: New Hampshire Department of Environmental Services

Federal Funding: $2,988,122

Summary: This project will result in the replacement of three undersized tidal culverts on state roads in the towns of Stratham and Rye. Repairing these tidal crossings was identified as a high priority via the New Hampshire Resilient Tidal Crossings Project. The project will replace the existing culverts at these sites with upgraded alternatives, which in turn will increase ecosystem and flood resiliency.

Beach Restoration to Create Habitat and Protect Tidal Salt Marsh Buffers within the Bay Point Area of Lawrence Township

Recipient: New Jersey Department of Environmental Protection

Federal Funding: $3,500,137

Summary: This investment in restored shoreline will improve community resilience by enhancing ecosystem services that mitigate flooding and extreme weather and protect human lives and critical infrastructure. The project will restore habitat within the Bay Point peninsula of Lawrence Township in Cumberland County. The Bay Point shoreline ecosystem also provides critical spawning habitat for horseshoe crabs and foraging grounds for the federally listed red knot.

Bay River Coastal Partnership

Recipient: North Carolina Wildlife Resources Commission

Federal Funding: $500,000

Summary: This award will support the Bay River Coastal Partnership in the purchase and conservation of an ecologically significant coastal property within the over 400-acre Bay River Tract in Pamlico County. Conservation of this area will protect an undeveloped natural shoreline and rare coastal forest communities, minimize the loss of life and property by directing development out of a high risk area, and safeguard coastal water quality along the Bay River.

Chagrin River Floodplain Land Conservation Project

Recipient: Ohio Department of Natural Resources

Federal Funding: $1,705,000

Summary: These funds will be used to acquire 105 acres of riparian habitat along the Chagrin River in a coastal community approximately four miles upstream from the confluence with Lake Erie. The Chagrin River Floodplain Land Conservation Project will provide critical habitat that will increase climate resiliency for urban coastal communities and will contribute to a growing conservation, public access, and recreation corridor along the river, from downtown Willoughby to Lake Erie.

Conservation of Cape Foulweather Headland, an Icon of the Central Oregon Coast

Recipient: Oregon Department of Land Conservation and Development

Federal Funding: $2,011,465

Summary: Through this funding, the Confederated Tribes of Siletz Indians will purchase the ecologically and culturally significant "Cape Foulweather" property, located on a bluff overlooking the Pacific Ocean. This project will conserve the undeveloped coastal property that hosts habitats rich in marine mammals, a rare salt spray meadow complex, and upland forest connections that are important to threatened species. The headland will provide opportunities for community resilience education and play a central role in the stewardship and conservation of these important tribal lands and waters. Partners in the project will build from this investment toward a conservation and education program that strengthens community resilience in an inclusive, informed manner.

South Carolina's Black River State Park Land Conservation Project Georgetown County, South Carolina

Recipient: South Carolina Department of Health and Environmental Control

Federal Funding: $4,500,000

Summary: Conservation partners will use these funds to conserve 1,800 acres of key floodplain properties within two coastal counties. The area will allow for recreational uses compatible with habitat protection, including fishing, non-motorized boating, birding, hiking, biking, kayaking, camping, picnicking, and environmental education.

Mangrove, Seagrass, and Coral Restoration in the Vieques Bioluminescent Bay Natural Reserve

Recipient: The Vieques Conservation and Historical Trust

Federal Funding: $2,962,196

Summary: This funding will restore coastal habitats within Bahía Puerto Mosquito, also known as the Vieques Bioluminescent Bay, located within the Vieques Bioluminescent Bay Natural

Reserve. The project will create living shorelines and expand the restoration of mangroves and coral reef habitat, which will improve ecosystem and community resilience.

Virginia Eelgrass and Bay Scallop Restoration in Burtons Bay

Recipient: Virginia Department of Environmental Quality

Federal Funding: $2,259,633

Summary: Building on the knowledge gained from a successful eelgrass and bay scallop restoration in southern Virginia's coastal bays, this project will focus on Burtons Bay. Over a four-year period, at least 60 acres of eelgrass will be planted and over six million bay scallops released. The project will include long-term monitoring, as well as an educational component,with the end goal of a healthy and expanding eelgrass meadow and a resident scallop population in Burtons Bay that will enhance water quality, create carbon stocks, and increase productivity of a commercially harvested species.

Conservation of Ancestral Lands – Upper Mattaponi Indian Tribe's Return to the River

Recipient: Virginia Department of Environmental Quality

Federal Funding: $3,037,052

Summary: The Upper Mattaponi Indian Tribe, through the Virginia Coastal Zone Management Program, will acquire and conserve 866 acres of historic tribal lands along the tribe's namesake river, the Mattaponi, within the Chesapeake Bay watershed. This is the tribe's first opportunity to acquire ancestral lands for conservation, which will allow them to pursue future activities to enhance culturally significant fish, wildlife, and plants through habitat restoration. The conservation benefits will extend to tribal citizens and others who enjoy the region's coast.

Graveyard Spit Restoration & Resilience Project

Recipient: Washington State Department of Transportation

Federal Funding: $3,976,788

Summary: This investment will result in the restoration and protection of Graveyard Spit, on the north shore of Willapa Bay, to help protect community infrastructure and cultural resources that are threatened by sea level rise and other coastal hazards. The project will include the rehabilitation and revegetation of the historic barrier dune; the construction of a nature-based cobble berm; and the protection and restoration of backshore marsh and tidal embayment environments.

Sand River Headwaters Acquisition

Recipient: Wisconsin Department of Administration

Federal Funding: $1,965,000

Summary: This project will allow Bayfield County to acquire 2,001 acres of ecologically significant land that are vital to the health and functioning of Lake Superior's coastal resources. The ecosystems within the acquired land provide stopover habitat for migratory birds, spawning areas for Great Lakes fish, aesthetic views of Lake Superior, and passive recreation.The acquisition also completes a broader agreement with the Red Cliff Band of Lake Superior Chippewa for the county's reinvestment of proceeds from an earlier land sale that repatriated nearby land formerly owned by the county to the Red Cliff.