National Coastal Resilience Fund

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FUNDING PARTNER

- National Oceanic and Atmospheric Administration

ABOUT NFWF

Chartered by Congress in 1984, the National Fish and Wildlife Foundation (NFWF) protects and restores the nation's fish, wildlife, plants and habitats. Working with federal, corporate and individual partners, NFWF has funded more than 6,000 organizations and generated a total conservation impact of $8.1 billion. NFWF is an equal opportunity provider.

Learn more at **www.nfwf.org**

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Kawainui Marsh, Kailua, Hawai'i

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and National Oceanic and Atmospheric Administration (NOAA) announced the award of 27 new grants totaling more than $44.7 million through the 2023 National Coastal Resilience Fund (NCRF). The 27 awards, using funding from the Inflation Reduction Act and other sources, leveraged more than $25.2 million in matching funds from the grantees, providing a total conservation impact of nearly $70 million.

Established in 2018, the NCRF invests in conservation projects that restore or expand natural features such as coastal marshes and wetlands, dune and beach systems, oyster and coral reefs, coastal forests and rivers, floodplains, and barrier islands that minimize the impacts of storms, sea level rise and other coastal hazards on nearby communities. The NCRF funds across four project categories: 1) community capacity building and planning; 2) project site assessment and preliminary design; 3) final project design and permitting; and 4) restoration implementation.

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ALASKA

Advancing Community Plans to Address Climate Change and Improve Salmon Habitat in Seward (AK)
Grantee: Trout Unlimited
Grant Amount:.....$729,100
Matching Funds:.....$94,200
Total Project Amount:.....$823,300
Evaluate and prioritize a comprehensive coastal resilience protection plan for Seward, Alaska, to restore floodplain function, enhance degraded salmon habitat, and alleviate threats from flooding and erosion. Project will provide an important foundation to sustain this comprehensive, community-driven coastal resilience plan that will benefit all species of Pacific salmon, numerous migratory bird species and other wildlife.

Building Capacity for Coastal Resilience in the Village of Tyonek (AK)
Grantee: Tyonek Tribal Conservation District
Grant Amount:.....$626,200
Matching Funds:.....$110,000
Total Project Amount:.....$736,200
Create a Coastal Resilience Plan for the Village of Tyonek by gathering available climate data, building relationships and creating culturally relevant processes, and developing prioritization tools for identifying nature-based solutions based on community-driven values and needs. Project will take a watershed-scale planning approach to advance nature-based solutions for habitats critical to Tyonek's subsistence species and community resilience.

GREAT LAKES

Assessing Nature-Based Solution to Enhance the Grand River Coastal Corridor (MI)
Grantee: County of Ottawa
Grant Amount:.....$275,000
Matching Funds:.....$275,000
Total Project Amount:.....$550,000
Conduct site assessment and preliminary design to enhance and restore habitat on approximately 200 acres of publicly owned land in the Grand River Coastal Corridor in northwest Ottawa County through natural features inventory and analysis, feasibility determination, and cost estimating of potential nature-based solutions. Project will improve resilience and habitat in historically degraded lowland and shoreline areas.

Assessing Nature-Based Solutions to Stabilize and Enhance Shorelines at Geneva State Park (OH)
Grantee: Ohio Department of Natural Resources
Grant Amount:.....$150,000
Matching Funds:.....$50,000
Total Project Amount:.....$200,000
Complete site assessment and conceptual designs for stabilizing and enhancing shoreline habitat along 2,000 feet of publicly accessible Lake Erie shoreline. Project will develop a design for a future nature-based shoreline at Geneva State Park.

Developing the East River Resilience Collaborative for Nature-Based, Community-Driven Solutions (WI)
Grantee: The Nature Conservancy
Grant Amount:.....$199,800
Matching Funds:.....$109,700
Total Project Amount:.....$309,500
Support community-engaged, data-driven planning to identify and prioritize nature-based projects; enhance coordination of the East River Resilience Collaborative; and support on-the-ground technical assistance to implement demonstration projects in the East River watershed. Project will develop a flood resilience implementation plan outlining priority nature-based solutions that will reduce flood risk and enhance habitat for fish and wildlife.

Resilient Shoreline Restoration at Ralph C. Wilson Jr. Centennial Park (NY)*
Grantee: City of Buffalo
Grant Amount:.....$6,000,000
Matching Funds:.....$3,000,000
Total Project Amount:.....$9,000,000
Restore hardened shoreline to softened shoreline and create of coastal habitat along Buffalo's Lake Erie shoreline. Project will improve habitat and ecosystem functions to reduce impacts of flooding and erosion and will protect critical park and residential infrastructure.

**Note: This grant was previously announced in December 2022, but was approved for an increase in funding.*

A marsh on Lake Erie

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American oystercatcher in Florida

GULF

Breton Landbridge Marsh and Living Shoreline Creation (LA)
Grantee: Louisiana Coastal Protection and Restoration Authority
Grant Amount:.....$7,709,800
Matching Funds:.....$250,000
Total Project Amount:.....$7,959,800
Restore marsh habitat on the south rim of Grand Lake to create and nourish tidal marshes that provide important habitat for fish and wildlife and provide natural storm buffers for communities. Project will re-establish a more robust landmass between River aux Chenes and Lake Lery as part of a long-range restoration plan for enhancing the resilience of communities and ecosystems in coastal Louisiana.

Designing Living Shorelines to Restore Estuarine Habitats in West Galveston Bay (TX)
Grantee: Galveston Bay Foundation
Grant Amount:.....$167,400
Matching Funds:.....$95,000
Total Project Amount:.....$262,400
Develop a final design to protect, enhance, and restore up to 145 acres of estuarine habitat and up to 1.5 miles of shoreline in Sweetwater Preserve and Maggie's Cove in West Galveston Bay. Project will advance efforts for implementing nature-based solutions for enhancing the resilience of coastal communities and habitats along Galveston Bay.

Developing Preliminary Design to Enhance Community Resiliency through Wetland Restoration (FL)
Grantee: Florida State University
Grant Amount:.....$510,000
Matching Funds:.....$63,000
Total Project Amount:.....$573,000
Develop a community-approved design that will create and enhance wetland habitat restoration of two main tributaries that feed Lake Martin along St. Andrew Bay. Project will develop preliminary designs for habitat restoration that will improve the resilience of the underserved communities of Springfield and improve water quality and habitat.

Enhancing Resiliency of the Rainey Conservation Alliance Landscape (LA)
Grantee: National Audubon Society
Grant Amount:.....$489,700
Matching Funds:.....$160,000
Total Project Amount:.....$649,700
Complete final design to restore approximately 5,000 acres of wetlands in coastal Vermilion Parish by addressing the direct stressor of saltwater intrusion through hydrologic design and marsh creation. Project will advance efforts to restore wetlands to enhance the resilience of communities and critical habitats that provide important economic, ecosystem and risk-reduction benefits.

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Red knots

West Barataria Basin Evaluation and Design (LA)
Grantee: Ducks Unlimited
Grant Amount:.....$650,000
Matching Funds:.....$150,000
Total Project Amount:.....$800,000
Assess and design sites within the western portion of the Barataria basin for ridge restoration, marsh creation, living shoreline, and earthen terraces to determine restoration feasibility and develop preliminary designs. Project will advance designs for coastal restoration to improve habitat for fish and wildlife and enhance storm protections for coastal communities in Louisiana.

MID-ATLANTIC

Designing Nature-Based Solutions to Build Resiliency in Virginia's Eastern Shore
Grantee: The Nature Conservancy
Grant Amount:.....$414,000
Matching Funds:.....$24,500
Total Project Amount:.....$438,500
Develop final designs for oyster restoration at Hillcrest Shellfish Sanctuary that will minimize salt marsh erosion, increase the footprint of oyster reefs within the sanctuary, and potentially build new small marshes. Project will protect the town of Oyster and provide habitat for finfish, shellfish and migratory birds.

Innovative Nearshore Ecosystem Restoration at a Deep-Water Post-Industrial Site (MD)
Grantee: National Wildlife Federation
Grant Amount:.....$2,505,500
Matching Funds:.....$585,000
Total Project Amount:.....$3,090,500
Restore a deep-water post-industrial waterfront by greening vacant lots and creating an innovative living shoreline and stormwater step pool system, which will enhance community resilience and benefit endangered, threatened and declining species in the Chesapeake Bay. Project will utilize nature-based solutions to create ideal intertidal, freshwater marsh and submerged aquatic vegetation habitats that will enhance flood protections for the community and reduce stormwater pollution.

NORTHEAST

Assessing Salt Marsh Habitat Resilience Through Pool Remediation (MA)
Grantee: Woodwell Climate Research Center
Grant Amount:.....$314,800
Matching Funds:.....$75,000
Total Project Amount:.....$389,800
Conduct site assessment and design for restoring and improving drainage in salt marshes to enhance the resilience of Waquoit Bay habitats and the surrounding community. Project will advance work to slow vegetation loss, improve ecosystem services, and inform best management practices for marsh restoration and will strengthen regional restoration networks that include communities within Mashpee that have cultural heritage ties to the marshes.

Building Beach and Saltmarsh Resilience to Protect Island Communities (MA)
Grantee: The Trustees of Reservations
Grant Amount:.....$368,100
Matching Funds:.....$83,900
Total Project Amount:.....$452,000
Develop feasibility and preliminary designs for three vulnerable barrier beach and salt marsh sites in Nantucket and Martha's Vineyard. Project will assess several nature-based interventions and support community engagement to determine the preferred approach to protecting habitat and community infrastructure.

Building Capacity for Corn Neck Resiliency Strategy (RI)
Grantee: Town of New Shoreham
Grant Amount:.....$185,000
Matching Funds:.....$2,000
Total Project Amount:.....$187,000
Identify nature-based solutions to protect critical infrastructure and habitat in Block Island National Wildlife Refuge and enhance the surrounding dune, beach, salt marsh, coastal pond and near-shore marine ecosystems. Project will enhance the function of the natural ecosystems and benefit fish and wildlife while also protecting critical infrastructure, Corn Neck Road, which is threatened by sea level rise and coastal storms.

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Building Capacity for Salt Marsh Restoration to Enhance Community Resiliency (MA)
Grantee: Massachusetts Audubon Society
Grant Amount:. $885,800
Matching Funds:. $94,000
Total Project Amount:. $979,800
Build capacity among Cape Cod municipalities to implement salt marsh restoration by assessing restoration feasibility, providing training on salt marsh restoration, designing projects and working with municipalities to implement restoration on demonstration sites. Project will help build capacity for underserved communities that need assistance to progress conservation and community resilience initiatives.

Designing for a Resilient Future in the Merrimack River Watershed (NH, MA)
Grantee: The Nature Conservancy in New Hampshire
Grant Amount:. $360,400
Matching Funds:. $128,900
Total Project Amount:. $489,300
Design an innovative and equity-based conservation plan to meet the needs of nature and people in the Merrimack River watershed. Project will engage non-traditional partners to identify and prioritize conservation targets that meet biodiversity and climate adaptation needs and advance nature-based solutions benefiting local communities.

Northern pike

PACIFIC ISLANDS

Assessing Nature-Based Solutions to Enhance Resiliency along Coastal Waipa (HI)
Grantee: Waipa Foundation
Grant Amount:. $268,400
Matching Funds:. $50,000
Total Project Amount:. $318,400
Remove invasive vegetation and restore native and cultural plant regime to promote natural sand dune restoration and reduce coastal erosion and degradation of aquatic habitats along the coastline of Waipa, Kauai. Project will develop nature-based solutions that are innovative, sustainable, and transferable to other sites and organizations throughout the Hawaiian Islands.

Enhancing Flood Resilience and Endangered Waterbird Habitat in Kailua, Hawai'i Waterways
Grantee: Hawaii Division of Forestry and Wildlife
Grant Amount:. $4,000,000
Matching Funds:. $4,000,000
Total Project Amount:. $8,000,000
Develop designs and implement innovative demonstration projects for removing accumulated vegetation from Kawainui Marsh, eradicating invasive mangrove from the entire Kailua watershed, restoring native riparian species and habitats, and building community capacity to support ongoing restoration efforts. Project will improve flood resilience of the Kailua community while restoring habitat for three federally endangered waterbirds.

SOUTHEAST

Constructing a Tidal Wetland Complex to Enhance Bonefish Cove (FL)
Grantee: Palm Beach County Board of County Commissioners
Grant Amount:. $1,500,000
Matching Funds:. $3,621,500
Total Project Amount:. $5,121,500
Create a tidal wetland complex that includes 7.8 acres of red mangroves, 1.7 acres of oyster reef, 26.8 acres of seagrass recruitment area, and 0.2 acres of American oystercatcher nesting berms in the Lake Worth Lagoon estuarine system. Project will increase the amount of highly productive fish and wildlife habitat, improve water quality, and provide storm protection for the eroding shoreline along a critical hurricane evacuation route.

Developing a Watershed Flood Resilience Plan for the Great Coharie River (NC)
Grantee: North Carolina State University
Grant Amount:. $328,200
Matching Funds:. $0
Total Project Amount:. $328,200
Create a watershed-based flood resilience plan focused on nature-based solutions, designed through the lens of the Coharie Tribe land stewardship perspective. Project will serve as a model engagement process for the North Carolina Flood Resiliency Blueprint, dovetail with U.S. Department of Agriculture National Water Quality Initiative work and build tribal capacity to increase river access.

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Chinook salmon

WEST COAST

Building Capacity for Coastal Resilience and Climate Adaptation in Sacramento (CA)
Grantee: American Rivers
Grant Amount:.....$406,900
Matching Funds:.....$390,000
Total Project Amount:.....$796,900
Advance resilience planning efforts that will build local capacity, identify opportunities for restoring and enhancing riparian habitat, assess climate resiliency needs, and create public financing and policy engagement plans to sustain future urban creek restoration. Project will develop regional-scale climate resilience plans that will benefit disadvantaged communities, enhance habitats for imperiled wildlife species and improve cooperation between local organizations and stakeholders.

Building Ecological and Flood Resiliency in Mountain Scott Creek Floodplain (OR)
Grantee: Clackamas County Water Environment Services
Grant Amount:.....$3,834,300
Matching Funds:.....$1,591,700
Total Project Amount:.....$5,426,000
Restore 3.5 acres of floodplain, improve 5,000 linear feet of stream, construct 2 acres of new wetlands and adjust existing flood reduction structure to restore conditions for threatened wild salmon and steelhead. Project will enhance resilience from intensified storms and stream erosion for community infrastructure and reduce flooding of downstream properties.

Developing Resilience and Restoration Master Plan for Commencement Bay (WA)
Grantee: City of Tacoma Office of Environmental Policy and Sustainability
Grant Amount:.....$764,700
Matching Funds:.....$150,000
Total Project Amount:.....$914,700
Build community capacity and develop a resiliency and restoration plan for Commencement Bay in Tacoma, Washington. Project will develop a resilience plan that engages the community, inventories the shoreline and identifies and prioritizes restoration areas and nature-based solutions.

Planning to Reduce Flood Risk and Increase Salmon and Steelhead Habitat in Sandy River Basin (OR)
Grantee: The Freshwater Trust
Grant Amount:.....$1,100,500
Matching Funds:.....$53,100
Total Project Amount:.....$1,153,600
Develop transferable models that identify and prioritize sites within the Sandy River basin where floodplain restoration can decrease flood risk to human populations and infrastructure while increasing salmon and steelhead abundance. Project will facilitate the implementation of on-the-ground floodplain restoration in the basin.

Rancho Cañada Floodplain Restoration (CA)
Grantee: California State Coastal Conservancy
Grant Amount:.....$10,000,000
Matching Funds:.....$10,000,000
Total Project Amount:.....$20,000,000
Reconnect and restore approximately 40 acres of urban riparian floodplain habitat and 5,164 linear feet of the Carmel River. Project will enhance regional resilience to environmental stressors like flooding, drought and wildfire while also restoring critical spawning and rearing habitat for the federally endangered South-Central California Coast steelhead.

California red-legged frog