



Emergency Coastal Resilience Fund

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FUNDING PARTNERS

- NOAA
- Bezos Earth Fund

ABOUT NFWF

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

Learn more at www.nfwf.org

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Salt marshes near Cape May, New Jersey

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and NOAA – with additional support from the Bezos Earth Fund- announced another round of funding for Emergency Coastal Resilience Fund (ECRF) projects. Sixteen new coastal resilience grants totaling \$25.2 million were awarded. The 16 awards announced will leverage \$4.9 million in additional funding from grantees, providing a total conservation impact of \$30.1 million.

Funding for ECRF was appropriated under the FY 2022 Disaster Relief Supplemental Appropriations Act (PL 117-43). This cycle, ECRF is supporting conservation projects that will increase the resilience of coastal communities in declared disaster counties impacted by hurricanes and wildfires in 2020 and 2021. These projects will restore and protect natural systems to help protect coastal communities and help them recover more quickly from the impacts of storms, floods, sea-level rise inundation, erosion, and wildfires while improving habitats for native fish and wildlife species.

This grant slate represents the second slate of ECRF projects funded by NFWF, the first having been awarded in 2020. To date the ECRF has awarded over \$73.6 million to 43 coastal resilience projects that will benefit communities impacted by natural disaster events.

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ALABAMA**Shoreline Habitat Restoration in Aloe Bay (AL)**

Grantee: Town of Dauphin Island

Grant Amount: \$2,993,500

Matching Funds: \$2,211,700

Total Project Amount: \$5,205,200

Rebuild the previously existing natural first line of defense against storm surge and rising sea levels to mitigate impacts of future storms, increase the resilience of Aloe Bay, and restore native marsh and oyster habitat. Project will construct up to 2,900 linear feet of living shoreline breakwater; create up to 8.5 acres of marsh, tidal creeks, and lagoons; and create 0.25 acres of oyster reef habitat.

CALIFORNIA**Invasive Species Control for Wildfire Resilience in Fire-impacted lands in Sonoma County (CA)**

Grantee: Sonoma Resource Conservation District

Grant Amount: \$1,000,000

Matching Funds: N/A

Total Project Amount: \$1,000,000

Work collaboratively with land managers and local organizations to reduce invasive species pressure in watersheds with critical fisheries habitat that were impacted by wildfire, and educate and empower land managers to continue vegetation management by providing them with a Maintenance & Monitoring Toolkit and training via workshops. Project will reduce wildfire fuel loads and increase watershed health and resilience.

CONNECTICUT**Designing a Living Shoreline to Restore Chippechaug Cove Marsh (CT)**

Grantee: Town of Stonington, CT

Grant Amount: \$42,000

Matching Funds: \$26,000

Total Project Amount: \$68,000

Complete a project design to restore and expand the coastal natural systems with a living shoreline and a wet rock sill. Project will maintain marsh habitat in Chippechaug Cove and build resilience for the community against rising sea levels by buffering Chippechaug Trail roadway.

Restoring Hammock River Marsh through Improved Hydrologic Flow Management (CT)

Grantee: Ducks Unlimited

Grant Amount: \$520,500

Matching Funds: \$20,000

Total Project Amount: \$540,500

Develop a design to restore 185 acres of saltmarsh at Hammock River by installing self regulating tide gates in conjunction with the removal of a large tidal restriction to improve the restricted hydrological flow in the tidal system. Project will enhance fish and wildlife habitats and help ensure the community can recover from a flood event by developing a project design to allow the wetland system to store water and fully drain.

FLORIDA**Living Shoreline Assessment and Design for Navarre Beach in Santa Rosa County (FL)**

Grantee: Santa Rosa County

Grant Amount: \$250,000

Matching Funds: N/A

Total Project Amount: \$250,000

Assess, characterize and design a nature based living shoreline along 1,400 linear feet of coastal shoreline on Santa Rosa Sound. Project will develop designs to address severe coastal erosion due to historical storm surges, sea level rise, waves and wind action, protecting Navarre Beach Utilities Wastewater Treatment Plant, and restore estuarine aquatic habitat within the northeastern Gulf of Mexico.

LOUISIANA**Bayou Grand Cheniere Marsh Creation (LA)**

Grantee: Louisiana Coastal Protection and Restoration Authority

Grant Amount: \$5,025,000

Matching Funds: N/A

Total Project Amount: \$5,025,000

Create approximately 42 acres of tidal salt marsh along Bayou Grande Cheniere in the influence area of the Mid-Barataria Sediment Diversion through hydraulically dredging sediment from the Mississippi River. Project will be adjacent to and under the same construction as 490 acres of marsh and ridge restoration funded by NRDA and help protect coastal communities.

Increasing Community Resilience through Restoration of Dularge Marsh (LA)

Grantee: Ducks Unlimited

Grant Amount: \$4,952,800

Matching Funds: N/A

Additional Project Funds: \$2,302,500

Total Project Amount: \$7,255,300

Construct earthen terraces, plant marsh hay cordgrass, construct a new water control structure, and refurbish a portion of levee in fragmented, deteriorated marsh in Terrebonne Parish, Louisiana. Project will enhance and protect 3,764 acres, including creation of 150 acres of marsh habitat, and contribute to the resiliency of Bayou Dularge and Dulac communities.

Living Shoreline Installation on Lake Chien (LA)

Grantee: Terrebonne Parish Consolidated Government

Grant Amount: \$5,455,700

Matching Funds: \$175,000

Total Project Amount: \$5,630,700

Install a living shoreline along 1.85 miles of the shoreline of Lake Chien in Terrebonne Parish, Louisiana near the Gulf of Mexico to preserve at least an estimated 20 acres of marshland in the first 20 years and 50 acres in 50 years. Project will build over 5 acres of land and will buffer infrastructure investments and estuaries that provide habitat to important fisheries, species of concern, and traditional subsistence customs.

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Damage from Hurricane Laura in Louisiana

MARYLAND

Piney Point Lighthouse and Museum Shoreline Restoration (MD)

Grantee: St. Mary’s County DPW&T

Grant Amount:.....\$1,938,000
 Matching Funds:.....\$132,700
 Total Project Amount:.....\$2,070,700

Enhance shoreline resiliency to erosion, flooding and sea level rise through shoreline stabilization and tidal wetland enhancement. Project will construct a 1,100 linear foot living shoreline with climate-resilient natural features at the Piney Point Lighthouse Museum and Historic Park.

MISSISSIPPI

Site Assessment and Design for the Restoration of Keegan Bayou and Bayou Auguste in East Biloxi (MS)

Grantee: Steps Coalition

Grant Amount:.....\$226,800
 Matching Funds:.....N/A
 Total Project Amount:.....\$226,800

Conduct site assessments of Keegan Bayou and Bayou Auguste and develop preliminary designs for nature-based restoration, while educating and training community leaders and youth in East Biloxi to engage with environmental justice through bayou restoration. Project will develop designs for restoration sites in Keegan Bayou and Bayou Auguste that improve stormwater management and coastal resilience, as well as the establishment of long-term community education programs in the neighborhood.

NEW JERSEY

Assessment and Design of Green Infrastructure for the Royce Brook Watershed (NJ)

Grantee: Rutgers University

Grant Amount:.....\$249,600
 Matching Funds:.....N/A
 Total Project Amount:.....\$249,600

Identify and develop preliminary designs for nature-based stormwater management projects that can capture and store stormwater runoff from developed areas and release it slowly well after storm events. Project will reduce flooding in both Hillsborough and Manville, New Jersey, while also treating the stormwater runoff and providing wildlife habitat.

Coastal Landscape Enhancement for Community Resilience at the Waretown Lighthouse Center (NJ)

Grantee: Natural Resource Education Foundation of NJ

Grant Amount:.....\$138,100
 Matching Funds:.....\$34,800
 Additional Project Funds:.....\$16,500
 Total Project Amount:.....\$189,400

Conduct site assessment and develop plans to restore 50 acres of salt marsh habitat at the Lighthouse Center in Waretown, NJ. Project will develop designs to increase marsh elevation with the reuse of local dredge material and restore natural marsh hydrology by mitigating mosquito-control ditches with low-technology methods.

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Louisiana marsh

Living Shoreline Installation on the Delaware River in Camden, NJ

Grantee: Camden County Municipal Utilities Authority
 Grant Amount:.....\$1,625,500
 Matching Funds:.....N/A
 Total Project Amount:.....\$1,625,500
 Install a hybrid living shoreline along the Delaware River in Camden, New Jersey, in front of the Camden County Municipal Utilities Authority Wastewater Treatment Plant. Project will ensure shoreline stability, protect critical infrastructure at this site, and promote aquatic life and vegetation that in turn furnish diverse ecosystem services such as water quality enhancement.

Nellie Bennett Marsh Restoration Planning (NJ)

Grantee: Barnegat Bay Partnership
 Grant Amount:.....\$234,900
 Matching Funds:.....\$12,000
 Total Project Amount:.....\$246,900
 Complete site assessment and preliminary design for restoration of 20 acres of tidal salt marsh and up to 2,600 feet of shoreline that is undergoing subsidence and edge erosion. Project will provide important wildlife habitat and protect a local school and over 150 homes from flooding and wave action.

NEW YORK

Site Assessment and Design for Walsh Road Dam Removal (NY)

Grantee: Riverkeeper
 Grant Amount:.....\$329,900
 Matching Funds:.....N/A
 Total Project Amount:.....\$329,900
 Conduct a site assessment and produce an engineering design to remove the obsolete Walsh Road Dam in New Windsor, NY. Project will improve community resilience by reducing flooding risks and restore critical habitat for American eel, river herring, blue crab, brown trout, and both species of black bass.

NORTH CAROLINA

Pocosin Wetland Hydrology Restoration and Water Management Across North Carolina’s Coastal Plain

Grantee: The Nature Conservancy
 Grant Amount:.....\$220,100
 Matching Funds:.....N/A
 Total Project Amount:.....\$220,100
 Conduct detailed site assessments and develop preliminary hydrologic restoration designs across over 58,000 acres of drained pocosin wetland areas within Holly Shelter Game Land and Hofmann Forest in North Carolina. Project will lay the foundation for implementing the project which will enable managers to effectively control drainage levels that can simultaneously provide community flood resilience benefits while enhancing pocosin wetland habitat.