



# Coral Reef Conservation Fund

## NFWF CONTACTS

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## PARTNERS



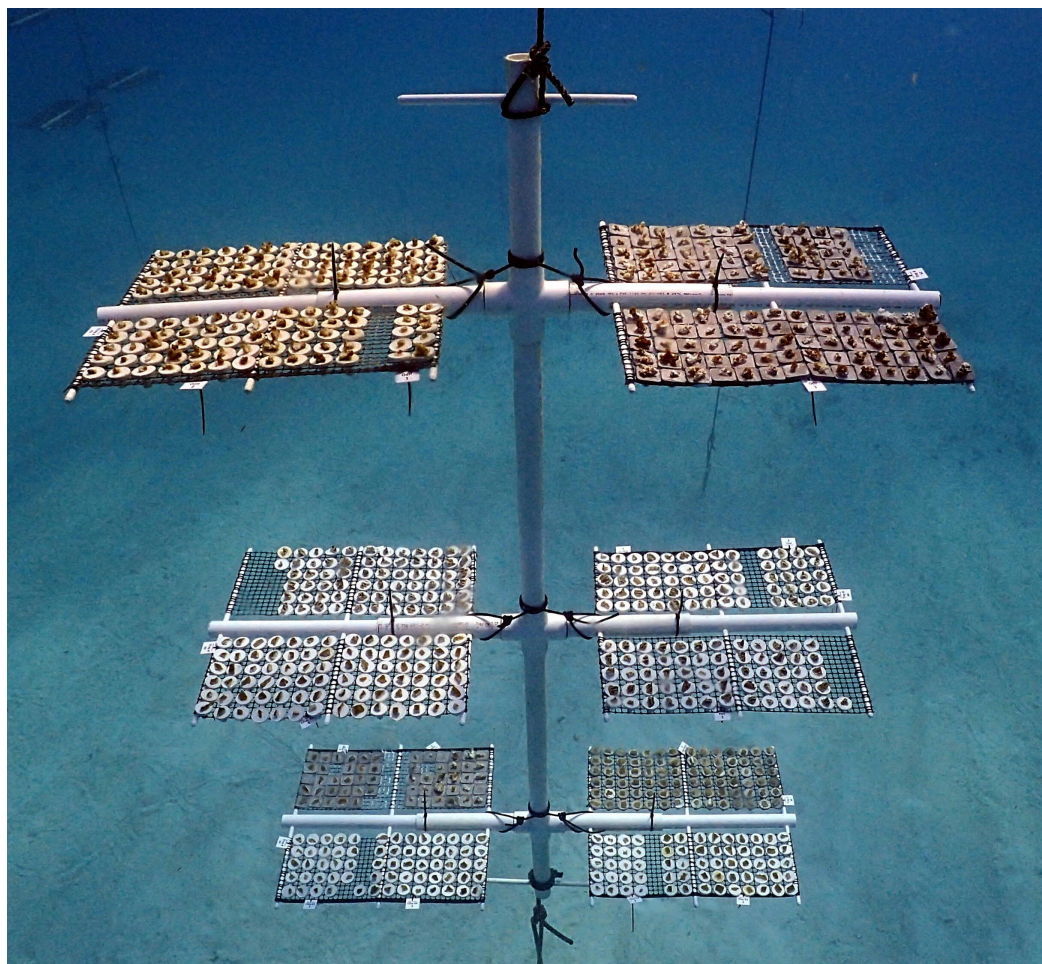
## ABOUT NFWF

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](http://www.nfwf.org)

## NATIONAL HEADQUARTERS

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NFWF supports the propagation and outplanting of corals at offshore nurseries in the Florida Keys.

## OVERVIEW

The National Fish and Wildlife Foundation (NFWF), the U.S. National Oceanic and Atmospheric Administration's (NOAA) Coral Reef Conservation Program (CRCP) and Aramco announced a 2022 round of funding for Coral Reef Conservation Fund projects. Eight new grants totaling \$1.5 million were awarded. The 8 awards announced leveraged \$1.5 million in grantee matching contributions, generating a total conservation impact of \$3 million. Additional support for select projects was provided by the Natural Resources Conservation Service.

The Coral Reef Conservation Fund seeks to provide catalytic funding for innovation in management and science, and foundational capacity at the local level. The 2022 project slate addresses three key categories for coral reef conservation

1. Targeted Watershed Planning and Run-off Abatement;
2. Fisheries Management of Key Herbivore Species; and
3. Increasing Innovation and Capacity for Coral Restoration Efforts

(continued)

**FLORIDA****Assessing the Effect of Spotted Spiny Lobster Densities on Coral Rehabilitation (FL)**

Grantee: Florida Fish and Wildlife Conservation Commission, Fish and Wildlife Research Institute

Grant Amount:..... \$99,800

Matching Funds:..... \$100,900

Total Project Amount: ..... \$200,700

Evaluate the role of spotted spiny lobsters in aiding coral restoration efforts. Project will study the effect of lobster populations on both algal cleaning and corallivore consumption to determine the degree which lobsters can be employed for biocontrol and reef rehabilitation.

**Expanding Genetic Diversity in Coral Nurseries in the Florida Keys (FL)**

Grantee: Reef Renewal USA

Grant Amount:..... \$150,000

Matching Funds:..... \$150,000

Total Project Amount: ..... \$300,000

Increase capacity and genetic diversity in offshore coral nurseries to support Mission: Iconic Reefs in the Florida Keys. Project will add 25 genotypes from 10 new species of coral to existing offshore nurseries, and develop techniques for propagating, rearing, and outplanting.

**Increasing Coral Nursery Capacity to Support Mission Iconic Reefs (FL)**

Grantee: Coral Restoration Foundation

Grant Amount:..... \$205,500

Matching Funds:..... \$205,500

Total Project Amount: ..... \$411,000

Expand coral nursery capacity in support of Mission Iconic Reefs by generating outplant-ready stocks of species: *D. cylindrus* and *M. cavernosa*, and strengthening nursery structures. Project will develop the infrastructure to support long-term coral restoration goals for both fast-growing and slow-growing coral species.

**GUAM****Explore New Coral Engineering Methods to Enhance Coral Reef Restoration in Guam**

Grantee: The University of Guam

Grant Amount:..... \$150,000

Matching Funds:..... \$150,000

Total Project Amount: ..... \$300,000

Develop a novel coral engineering method to enhance resilience in corals through micro-fusion of corals and study of associated microbiomes. Project will advance active restoration strategies for *Acropora* species and provide a tool for local adaptation of coral restoration techniques.

**HAWAI'I****Building Resiliency of the Kihei Reef Tract Through Land-based Pollutant Reduction (HI)**

Grantee: Maui Nui Marine Resource Council

Grant Amount:..... \$300,000

Matching Funds:..... \$300,000

Total Project Amount: ..... \$600,000

Reduce land-based pollutant concentrations along the Kihei reef tract through recommended practices. Project will mitigate pollution of nutrients and sediment and close gaps in current reef and water quality monitoring to support conservation management.

**Establishing Water Quality Targets for Nutrient Inputs to Coral Reefs in West Maui (HI)**

Grantee: University of Hawai'i

Grant Amount:..... \$176,800

Matching Funds:..... \$177,000

Total Project Amount: ..... \$353,800

Monitor nutrient pollution and coastal acidification across population fluctuations and wastewater infrastructure upgrades. Project will assist management by developing quantitative water quality targets to support the recovery and resiliency of the Kahekili coral reef ecosystem.

**PUERTO RICO****Building Capacity for Coral Reef Restoration and Monitoring in Culebra (PR)**

Grantee: Protectores de Cuencas

Grant Amount:..... \$175,700

Matching Funds ..... \$179,000

Total Project Amount: ..... \$354,700

Restore the functionality of sediment mitigation infrastructure and build capacity for future coral reef conservation work in Culebra. Project will address land-based sources of pollution entering the Ensenada Honda Bay by restoring the largest sediment basin in the watershed and establish a field station for ongoing projects.

**Establishing a Land-based Coral Nursery to Increase Coral Restoration for Culebra, Puerto Rico**

Grantee: Institute for Socio-Ecological Research

Grant Amount:..... \$270,100

Matching Funds:..... \$273,700

Total Project Amount: ..... \$543,800

Develop a land-based coral nursery for the east coast of Puerto Rico. Project will provide thousands of coral micro-fragments to coral reef restoration efforts occurring in the Canal Luis Pena Natural Reserve.