



NFWF

Coral Reef Conservation Fund 2018 Grant Slate

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ABOUT NFWF

The National Fish and Wildlife Foundation (NFWF) protects and restores our nation's fish and wildlife and their habitats. Created by Congress in 1984, NFWF directs public conservation dollars to the most pressing environmental needs and matches those investments with private funds. Learn more at www.nfwf.org

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Herbivorous fish are central to each objective of the Marine 30x30 Initiative. | Credit: DAR

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and the U.S. National Oceanic and Atmospheric Administration's Coral Reef Conservation Program announced a 2018 round of funding for Coral Reef Conservation Fund projects. Thirteen new grants totaling \$944,087 were awarded, generating \$987,315 in grantee match contributions for a total conservation impact of \$1.93 million.

The Coral Reef Conservation Fund seeks to provide catalytic funding for innovation in management and science, and foundational capacity at the local level, both domestically and abroad. The program will reduce sediment run-offs to reefs in Puerto Rico and improve management of reef fish species that play a critical role in coral reef resilience in Hawaii and American Samoa. This year also introduces innovation in coral reef restoration efforts in Florida. In the international portfolio, priorities focused on implementing regional coral reef marine protected area initiatives in the Caribbean, Central America, and the Philippines as well as local capacity support for implementation of skills acquired from recent training workshops.

The program addresses four key strategies in coral reef conservation that are prioritized in the NOAA/NFWF partnership: 1) Targeted Watershed Planning and Run-off Abatement; 2) Increasing Herbivorous Fish Biomass; 3) Research to Support Restoration and Resilience of Coral Reef Systems; and 4) Increasing Capacity for Management.

(continued)



Indigo fish | Credit: Melanie McField

Evaluation of Best Management Practices for Erosion Control in Guánica Bay Watershed (PR)

Grantee: Protectores de Cuencas

Grant Award:..... \$148,991

Matching Funds: \$149,620

Total Amount:.....\$298,611

Implement 10-15 high priority restoration projects within the Guánica Bay sub watershed, building upon efforts to address recommended actions of the Guánica Bay/Río Loco Watershed Management Plan. Project will evaluate erosion control measure effectiveness, develop user-friendly erosion assessment and best practices design tools, and train interested groups in how to execute erosion mitigation plans based on proven cost-effective techniques.

Assess and Mitigate Threats to Coral Reefs from the Quebrada Ceiba Watershed (PR)

Grantee: Para la Naturaleza

Grant Award:.....\$77,884

Matching Funds: \$118,292

Total Amount:.....\$196,176

Implement a volunteer-based water quality and coral reef health monitoring assessment and reforestation initiative in the municipality of Ceiba. Project will achieve measureable ecological and educational outcomes and inform implementation of better management practices for coral reefs in Puerto Rico.

Increasing Awareness of and Compliance to Fisheries Rules within the 30x30 Focal Areas (HI)

Grantee: University of Hawaii - Manoa

Grant Award:.....\$40,383

Matching Funds:\$40,383

Total Amount:..... \$80,766

Increase the opportunities for local communities to participate and provide informed input to a state-wide initiative to effectively manage 30 percent of Hawaii's nearshore environments by 2030. Project will finalize key messages and implement outreach tactics to increase awareness of the 30x30 Initiative and encourage public participation in scoping meetings.

Increasing Enforcement Capacity for Coral Reef Management in American Samoa

Grantee: MPA Enforcement International

Grant Award:.....\$70,000

Matching Funds:\$70,000

Total Amount:.....\$140,000

Conduct a preliminary assessment of enforcement capacity and implementation in American Samoa. Project will transfer the successful capacity-building model and enforcement training techniques used in the Caribbean region to the Pacific.

Coral Reef Ecosystem Status and Trends Report Cards and System-Wide Synthesis (FL, PR, USVI)

Grantee: University of Maryland Center for Environmental Science

Grant Award:..... \$107,965

Matching Funds:\$35,675

Total Amount:.....\$143,640

Develop a status and trends assessment framework and report card process to synthesize biological, physical and socio-economic data from Puerto Rico, the U.S. Virgin Islands and the Florida Flower Garden Banks. Project will expand on previous investments to support a National Coral Reef Monitoring Plan through the National Oceanic and Atmospheric Administration's Coral Reef Conservation Program.

Enhancing Community Management Capacity to Improve Coral Reef Ecosystem Health in the Philippines

Grantee: PATH Foundation Philippines

Grant Award:.....\$59,717

Matching Funds:\$60,000

Total Amount:.....\$119,717

Increase local government and community management capacity to conserve biodiversity of coral reef ecosystems in six marine protected areas along the Verde Island Passage in the Philippines. Project will enhance marine protected area planning and zoning, reduce conflicts of use of ocean spaces to address the growing population and demand for local resources, and provide conservation-based economic incentives to reduce unsustainable fishing practices.

Improving Capacity for Effective Management of Moriah Harbour Cay National Park in The Bahamas

Grantee: Bahamas National Trust

Grant Award:.....\$30,206

Matching Funds:\$30,206

Total Amount:.....\$60,412

Advance community awareness of Moriah Harbour Cay National Park to increase support and compliance for approved management systems. Project will engage community members, install park signs and boundary markers, and establish a regional branch in Exuma to support effective management of the Park.

Coral Reef and Human Dimensions

Monitoring in the Mesoamerican Reef Caribbean

Grantee: Parc National De La Guadeloupe

Grant Award:.....\$59,368

Matching Funds:\$61,000

Total Amount:.....\$120,368

Increase integration of coral and human communities data in management of prioritized marine protected areas along the Mesoamerican Reef. Project will implement bio-physical and socio-economic coral reef monitoring training workshops in Belize and Honduras, and perform site assessments in four prospective sites in Belize, Honduras, Guatemala and Mexico.

Coordination of a Global Socio-economic Monitoring Initiative for Coastal Management

Grantee: Centre for Resource Management and Environmental Studies (CERMES), The University of the West Indies

Grant Award:.....\$54,000

Matching Funds:\$54,000

Total Amount:.....\$108,000

Facilitate the coordination and enhancement of six regional Socio-economic programs for coastal management. Project will facilitate monitoring activities at established or new sites, and disseminate information on global status, trends and prospects for six regional socio-economic monitoring programs in the Caribbean, Central America, Brazil, South

Asia, Southeast Asia and Pacific Islands of SocMon.

Reduce Threats to Coral Reefs by Addressing Priority Capacity Needs in Roatán Marine Park, Honduras

Grantee: Roatan Marine Park

Grant Award:.....\$47,734

Matching Funds:\$48,000

Total Amount:.....\$95,734

Fill three priority capacity needs within the Special Marine Protection Zone Sandy Bay - West End through initiatives that address sustainable tourism, fisheries management, and financing. Project will reduce threats to coral reefs within the Bay Islands National Marine Park and inform management across Honduras.

Implementing a Networked Approach to Protected Area and Ecosystem Management in the Philippines

Grantee: Marine Environment and Resources Foundation

Grant Award:.....\$60,000

Matching Funds:\$123,300

Total Amount:.....\$183,300

Explore best management practices of the Oriental Mindoro Marine Protected Area and Fishery Law Enforcement Network in the Philippines, a network of local government units undertaking coastal resource management. Project will provide technical assistance and capacity building for the network including governance and planning, enforcement and monitoring and evaluation.

Establishing a Seedbank and Spawning Stock for 12 Native Floridian Coral Species (FL)

Grantee: Healthy Aquatics Marine Institute

Grant Award:.....\$91,000

Matching Funds:\$100,000

Total Amount:.....\$191,000

Develop a coral aquaculture system to supply genetically diverse coral larva for growth, experimentation and outplanting of resilient genetic stocks of corals to Florida reefs. Project will construct nine modules to house and protect 20 colonies of each of 12 species of native Florida corals from extinction through seedbanking with genetic identification.

Improving Coral Reef Restoration and Recruitment Using Native Herbivorous Crabs (FL)

Grantee: Old Dominion University Research Foundation

Grant Award:.....\$96,839

Matching Funds:\$96,839

Total Amount:.....\$193,678

Enhance the density of native herbivorous crabs on coral reefs to reduce over-abundance of algae to enhance survival of naturally reproducing and transplanted corals. Project will support local and Caribbean-wide efforts to restore coral reefs by developing and implementing new strategies to maximize natural coral recruitment and coral transplant success.