



## 2020 Hawaii Water Infrastructure Finance Forum

# The Many Ways of Working with NOAA in the Pacific: Financial & Technical Assistance

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# NOAA Financial Assistance

## Grants

- Headquarters
- National Ocean Service
- National Marine Fisheries Service
- National Weather Service
- Oceanic and Atmospheric Research
- Marine and Aviation Operations
- National Environmental Satellite, Data and Information Service







# NOAA Funding Opportunities 2020

## Headquarters

- Broad Agency Announcement
- Environmental Literacy Grants





# NOAA Funding Opportunities 2020

## National Ocean Service

- NOS Marine Debris Program
- B-WET Hawai'i Program
- Margaret Davidson Fellowship for NERRS
- Coastal Zone Management Program
- Coral Conservation Program
- National Estuarine Research Reserves Program





# NOAA Funding Opportunities 2020

## National Marine Fisheries Service

- Marine Education & Training Mini - Grants Program
- Marine Turtle Management and Conservation Program
- Saltonstall Kennedy
- Hawaiian Monk Seal Recovery and Conservation
- Pacific Islands Region Marine Turtle Management and Conservation Program



# NOAA Funding Opportunities 2020

## Partners

### National Fish and Wildlife Foundation

- Coastal Resilience
- Coral
- Hawaii Conservation Program







# NOAA Technical Assistance

## Training

- Proposal Development Training
- Grant Management Training

## Tools

- Stormwater Management Tool
- Water Initiative
- Coastal Hazard Composite tool

## Data Expertise





# MAHALO

QUESTIONS?

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# Broad Agency Announcement



- Funding mechanism for special projects and programs associated with NOAA's strategic plan and mission goals.
- Encourages research, education and outreach, innovative projects, or sponsorships that are not addressed through NOAA's competitive discretionary programs.
- This is for great projects that do not fit or fall into another competitive program.
- Call specific program for more information.

**NOAA-NFA-NFAPO-2018-2005418**

**Applications accepted through September 30, 2020**



# NOS Marine Debris Program

## Community -based Marine Debris Removal

- Supports locally driven, community-based marine debris prevention and removal projects. These projects benefit coastal habitat, waterways, and wildlife including migratory fish.

Applications Due Oct 29, 2018

NOAA-NOS-ORR-2019-2005796

## Marine Debris Prevention through Education and Outreach Federal Funding Opportunity

- Provides funding to prevent the introduction of marine debris into the marine and coastal environment. Projects awarded through this grant competition will encourage changes in behavior of a target audience (such as students, teachers, industries, or the public) to address a specific marine debris issue, and will actively engage these groups in hands-on personal participation.

Every other year; 2018 information: NOAA-NOS-ORR-2018-2005333, closed December 16, 2017

## Marine Debris Research Grants – NEW in 2017 (Should open soon)

- Marine debris is a relatively new field of research, and there are many opportunities to advance understanding of how debris impacts the environment. The MDP offers funding for original, hypothesis-driven research projects focused on the persistence and chemical impacts of marine debris.

Every other year; 2017 information: Competition closed December 19, 2016  
NOAA-NOS-ORR-2017-2005063



Sustainable Coastlines Hawaii volunteers at a cleanup.



Hawaii Wildlife Foundation educates on marine debris.



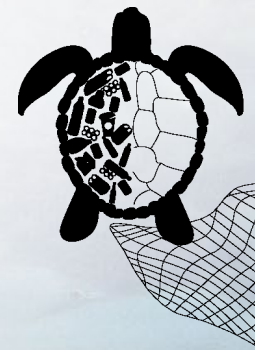


# NOS Marine Debris Program

- To view **previously funded** projects:  
<https://clearinghouse.marinedebris.noaa.gov/>
- To view **currently funded** project profiles:  
<http://marinedebris.noaa.gov/regional-coordination/pacific-islands-region>
- Questions? Contact:

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Shanelle Naone, [shanelle.naone@noaa.gov](mailto:shanelle.naone@noaa.gov)

Pacific Islands Region Coordinators





# Marine Education & Training Mini -Grants Program

Improves communication, education, and training on marine resource issues.

In 2018: 50% Non-federal Matching; total federal request up to \$15,000

**Competitions typically open November - December**

**Marine Science and Technology:** Prepare community residents for employment in marine related professions

- **Fisheries and Seafood -related Training:** Fishery observation, seafood safety and marketing, increased involvement of community residents
- **Outreach:** Projects to educate and inform consumers about the quality and sustainability of wild fish or fish products farmed through responsible aquaculture or safe fishing and boating.
- **Technology:** Data collection, quality and reporting
- **Local and Traditional Knowledge:** Projects that enhance science-based management of fishery resources of the region though local and traditional knowledge.







# Partnerships for Hawaiian Monk Seal Species in the Spotlight Priority Recovery Actions

- Promotes the recovery of the endangered Hawaiian monk seals. Priority will be given to projects that will support specific programmatic activities related to Priority Actions highlighted in the Hawaiian Monk Seal Species in the Spotlight plan.
- For 2017, the specific program objectives include: disease prevention and control, strategic social marketing, and citizen science efforts contributing to monk seal recovery in the main Hawaiian Islands.

Competitions typically open October - November

Past competition Information:

NOAA-NMFS-PIRO-2017-2005112

Projects up to \$15,000 (Priority 1) or \$40,000 (Priority 2)





# Marine Turtle Management and Conservation Program

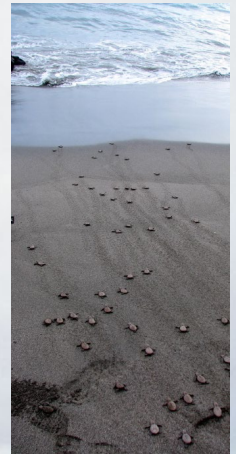
Supports programmatic activities for conservation, protection, or management of ESA listed sea turtle species

Priority 1: Management and outreach projects located on Oahu.

- a) Volunteer-based stranding response on the island of Oahu
- b) Community-based educational outreach efforts to manage human disturbance to sea turtles on the island of Oahu.

Priority 2: International projects with a direct connection to PIR turtles.

- a) projects conducted within Fiji focused on green turtles of the Central South Pacific DPS with linkages to populations nesting in American Samoa.
- b) projects conducted in Papua New Guinea focused on Western Pacific leatherback turtles
- c) research projects or studies to provide essential management recommendations or implement actions to address the illegal trade and directed harvest of sea turtles in Southeast Asia.



Competitions typically open November - December

Past Competition:

NOAA-NMFS-PIRO-2017-2005107

Applications due February 15, 2017; up to \$80,000





# Marine National Monument Program

Supports the management objectives of the Marianas Trench MNM, Rose Atoll MNM, and Pacific Remote Islands MNM

- FY2015 Priorities focused on **advanced monitoring technologies**
  - New, progressive methods for monitoring areas
  - Collection of environmental data sets
  - Surveillance and monitoring of vessel activities
  - Examples of technologies of interest: wave rider/gliders, unmanned aerial systems (UAS), ecological acoustic recorders (EARs) and orbital/sub-orbital remote sensing

No competition in 2016, 2017, or 2018



# Saltonstall -Kennedy (SK) Research Grant Program



The goal of the SK program is to fund projects that address the needs of fishing communities, optimize economic benefits by building and maintaining sustainable fisheries, and increase other opportunities to keep working waterfronts viable.

**Promotion, Development and Marketing:** Promote better business practices to increase product market value, such as increasing market prices for commercial fish species by promoting business practices such as safe handling and other value added practices on vessels and onshore to produce higher quality fish for sale.

**Marine Aquaculture:** Develop environmentally responsible marine aquaculture to create jobs in coastal communities, produce healthful local seafood, revitalize working waterfronts, and support traditional fishing communities.

**Support of Science that Maximizes Fishing Opportunities, Revenue and Jobs in U.S. Fisheries While Ensuring the Long -Term Sustainability of Marine Resources:** Conduct research on the economic contribution of ecosystem management; facilitate and expand scientific and environmental assessments supporting sustainable harvesting practices; assess impact of ecosystem changes on living marine resources and the communities sustained by these resources; conduct research on predator-prey dynamic; aid in understanding and integration of the marine and diadromous fish.

Competitions typically open June - August

NOAA-NMFS-FHQ-2019-2005591

National Program with regional input

\$25,000-\$300,000 per project

Pre-proposals were required and already due for FY19 competition





# Coastal Resilience

## NMFS Coastal Ecosystem Resiliency Grants program + NOS Regional Coastal Resilience Grants

The NOAA Coastal Resilience Grants program, jointly administered by NOAA's National Ocean Service and NOAA Fisheries, implements projects that build resilient U.S. coastal communities and ecosystems.

Resilience is the ability to prepare and plan for, absorb, recover from, and more successfully adapt to adverse events such as extreme weather or long-term changing environmental conditions. This program is intended to build resilience through projects that conserve and restore sustainable ecosystem processes and functions and reduce the vulnerability of coastal communities and infrastructure from the impacts of extreme weather events, climate hazards, and changing ocean conditions.

<https://www.fisheries.noaa.gov/grant/noaa-coastal-resilience-grants>

NOAA-NMFS-HCPO-2018-2005502

Applications Due March 07, 2018

\$500,000 to \$1 million award amounts



# Coastal and Marine Habitat Restoration Program

NOAA's Restoration Center recognizes that habitat protection and restoration are essential elements of a strategy for sustainable commercial and recreational fisheries. Investing in habitat restoration projects leads to real, lasting differences for communities, businesses, and the environment. The Community-based Restoration Program supports restoration projects that use a habitat-based approach to rebuild productive and sustainable fisheries, contribute to the recovery and conservation of protected resources, and promote healthy ecosystems and resilient communities.

[www.habitat.noaa.gov/funding/coastalrestoration.html](http://www.habitat.noaa.gov/funding/coastalrestoration.html)

NOAA-NMFS-HCPO-2017-2005156

Applications due March 23, 2017; \$100,000 to \$4 million projects





# B-WET Hawai'i Program



Supports Meaningful Watershed Educational Experiences (MWEEs) in K-12 education

NOAA-NOS-OCM-2018-2005344

Applications were due February 1, 2018

\$25,000 - \$150,000 per project

Anticipate FY19 notice out late October with applications due mid-December.\*\*





# B-WET

## BAY WATERSHED EDUCATION & TRAINING PROGRAM

### What is a MWEE?

**Issue definition  
and  
background  
research**



**Outdoor field  
activities**



**Stewardship  
action projects**



**Synthesis and  
conclusions**



Other important characteristics of a Meaningful Watershed Educational Experience include: teacher participation, integration with classroom curriculum, use of the local context for learning, multiple activities over time, and NOAA assets.





# B-WET Hawai'i Program

## B-WET Hawaii Program Priorities

1) Students



2) Student Clubs



2) Teachers



4) Non-Applicants



# Coral Reef Conservation Program (CRCP) Domestic Coral Reef Conservation Grants

Coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths. Projects may be proposed in the Northwestern Hawaiian Islands and the U.S. Pacific Remote Islands, but these locations are not considered geographic priorities.

- 1) Fishing Impacts
- 2) Land-Based Sources of Pollution
- 3) Climate Change
- 4) Local and Emerging Management Issues

Funding level: between \$30,000 and \$80,000; avg \$50k; with 1:1 match

Applications were due: February 1, 2018

NOAA-NOS-OCM-2018-2005425







# National Fish & Wildlife Foundation (NFWF) Coral Reef Conservation Fund

The National Fish and Wildlife Foundation (NFWF) will award grants to improve the health of coral reefs and coral reef ecosystems. Grants will be awarded to reduce land-based sources of pollution, advance coral reef fisheries management, support recovery and resilience of coral reef systems and improve watershed management planning.

The Coral Reef Conservation Fund is a partnership with the U.S. National Oceanic and Atmospheric Administration's (NOAA) Coral Reef Conservation Program (CRCP) and works to assist the agency in coral reef conservation. The Coral Reef Conservation Fund expects to have up to \$1,000,000 available for funding.

Projects between \$40,000 and \$75,000; with 1:1 match

<http://www.nfwf.org/coralreef>

Pre-Proposal Due Date: Thursday, March 15, 2018

Full Proposal Due Date: Thursday, May 17, 2018



# Project Support for Aquatic Habitat Conservation

Highest priority to: On-the-ground aquatic habitat conservation projects

Secondary priority to: aquatic habitat conservation project planning and design, or applied research

A ONE PAGE narrative pre-proposal should include written justification for the project achieving NFHP and Hawaii FHP objectives along with 1) a timeline for project implementation and 2) a budget outline of proposed expenditures and match contributions.

Pre-Proposals due October 8, 2018

National Fish Habitat Partnership (NFHP): [www.fishhabitat.org](http://www.fishhabitat.org)

National Fish Passage Program: <https://www.fws.gov/fisheries/fish-passage.html>

Gordon Smith, Coordinator  
National Fish Habitat Partnership  
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