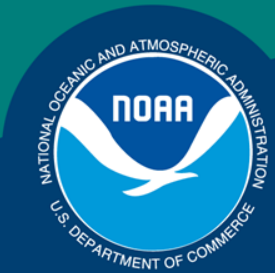


Science, Service, Stewardship



NOAA Coastal Resilience Funding Opportunity

**NOAA
FISHERIES
SERVICE**

Erika Ammann



NOAA Coastal Resilience Grant program

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.



NOAA Coastal Resilience Grant program

Jointly managed by two NOAA offices:

The Office for Coastal Management (National Ocean Service)

The Office of Habitat Conservation (National Marine Fisheries Service)

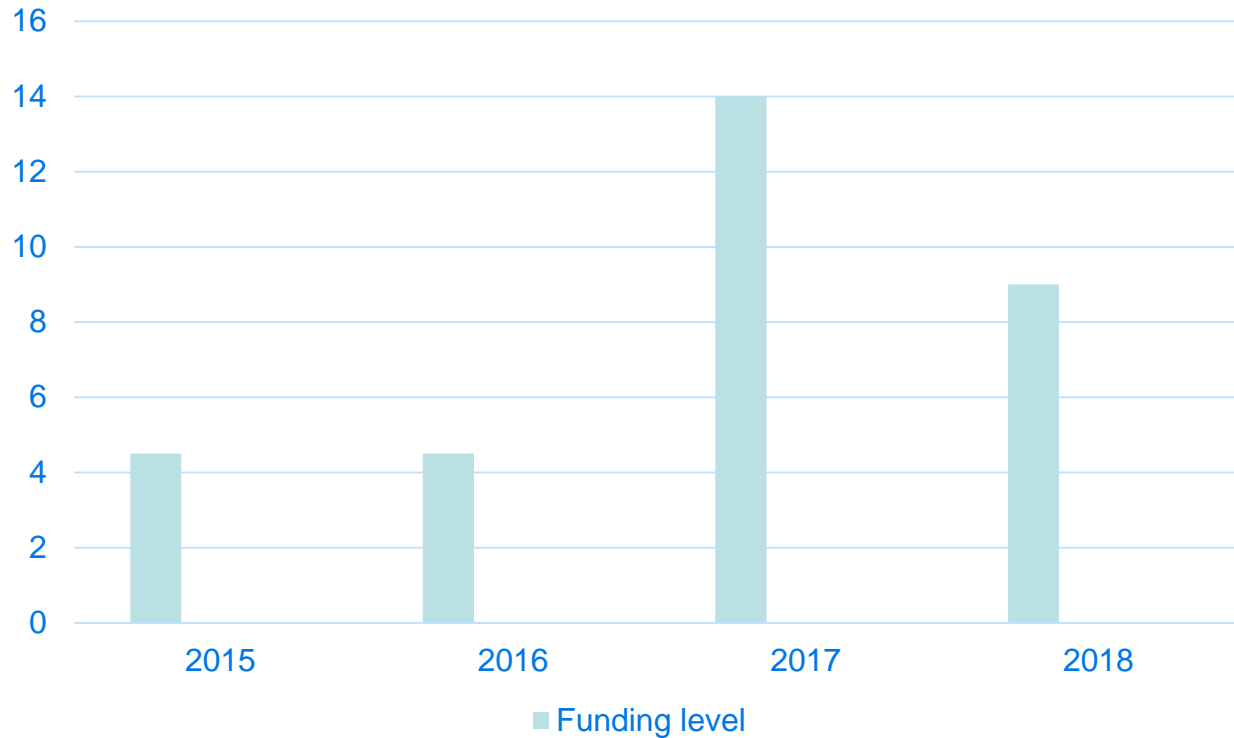
- The principal objective is implementing projects that increase the resilience of U.S. coastal communities and ecosystems.

- This program invests in collaborative projects that provide environmental and socioeconomic benefits.



NOAA Coastal Resilience Grant program

National Funding levels (millions)





NOAA Coastal Resilience Grant program

Evaluation Criteria Highlights

Importance and Applicability- 30 pts

- Issue identification
- Changes in vulnerability
- Socioeconomic benefits
- Benefits to NOAA Resources
- Tangible ecological benefits
- Program priorities (Section I.B)



NOAA Coastal Resilience Grant program

Evaluation Criteria Highlights

Scientific/Technical Merit – 30 pts

- Project feasibility
- Project timeline- complete and reasonable
- Climate adaptation
- Measurable goals
 - Near-term implementation metrics (or “Tier 1”)
- Sustainability
 - Self-sustaining technique; landowner support letters
- Public access to data



NOAA Coastal Resilience Grant program

Evaluation Criteria Highlights

Project Costs – 20 pts

- Cost-benefit comparison
- Budget detail
- Funding priorities
 - \$ directed to the project, not general support
- Cost-sharing- required at 2:1
 - Review on quality of documentation



NOAA Coastal Resilience Grant program

Evaluation Criteria Highlights

Qualifications of Applicants – 10 pts

- Restoration background- can they do the work?
- Management capacity- can they manage federal funds responsibly?

Outreach/Education – 10 pts

- Community involvement
- Information dissemination



Current and Past Resilience Projects

Kilisut Harbor Shoreline Habitat and Channel Reconnection Project Port Gamble S'Klallam Tribe and North Olympic Salmon Coalition



Figure 16 - 1





Current and Past Resilience Projects

Improving Risk Communication and Leveraging Existing Programs in Washington State to Build Capacity and Enhance Resilience in Coastal Communities



THE WASHINGTON COASTAL RESILIENCE PROJECT



Possible ideas for coastal restoration in AK

Harbors with inadequate flow creating anoxic zones

Barriers to tidal flow

Log Transfer facility areas

Estuaries hardened with rip rap

Artificial reefs , Whittier and Lynn canal



Community-based Restoration program

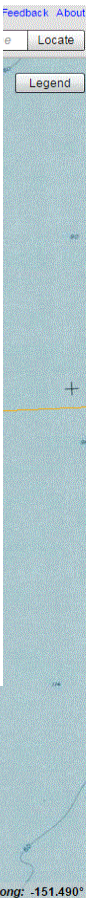
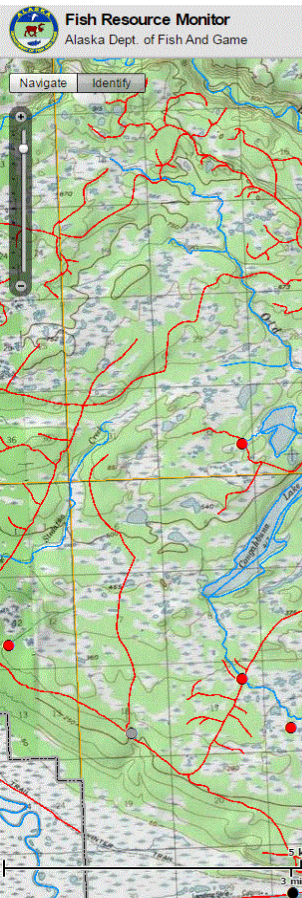
Schedule: Funded FY 16 and 17 ; FY 19 and FY20 ; FY 22 and FY 23

- Every third year funding is used to complete the multi-year projects awarded in previous 2 years.

Match: No statutory requirement, encouraged to demonstrate 1:1

Eligibility: Institutions of higher education, non-profits, for profit organizations, and state, local and Indian tribal governments

Project funding levels: Minimum of \$100,000 request max of \$4million. Normal range \$200,000- \$5000,000





Marine Debris grant program

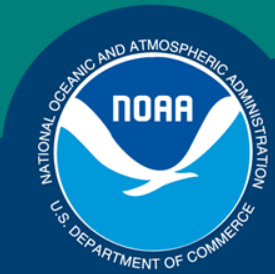
Derelict crab pots in Southeast Alaska

J. Maselko, G. Bishop, P. Murphy **Ghost fishing in the Southeast Alaska commercial Dungeness Crab fishery**

North Am. J. Fish. Manage., 33 (2013), pp. 422-431



Science, Service, Stewardship



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