



# Fiscal Year 2015 Resilience Grants Programs

## NOAA's National Marine Fisheries Service and National Ocean Service



June 2, 2015



# Resilience/Resiliency

NOAA will provide up to nine million dollars through two programs as part of a larger effort to promote coastal resiliency through both on-the-ground restoration projects and the development of policies, regulations, and other tools and strategies.



*Resilience is the ability of an ecosystem or community to absorb, recover from, and more successfully adapt to adverse events such as extreme weather or long-term changing environmental conditions, such as sea level rise.*



# Complementary Resiliency Programs

To address negative impacts from extreme weather events, climate hazards, and changing ocean conditions...



The **Coastal Ecosystem Resiliency Grants** program (NMFS) will focus on the development of healthy and sustainable coastal ecosystems through on-the-ground habitat restoration.

The **Regional Coastal Resilience** program (NOS) will focus on the development of resilient coastal regions, communities, and economic sectors through planning and implementation of policies and associated tools and capacity.



# Coastal Ecosystem Resiliency Grants Program



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## Program Objective:

Support projects that use a proactive approach to improve or restore coastal habitat to:

1. strengthen the resilience of our marine and coastal ecosystems to decrease the vulnerability of communities to extreme weather
2. support sustainable fisheries and contribute to the recovery of protected resources

# NMFS Federal Funding Opportunity (FFO)



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## **Program Priorities:**

- 1) implement on-the-ground restoration actions
- 2) result in socioeconomic benefits associated with restoration of healthy and resilient coastal ecosystems
- 3) support healthy fish populations and provide sustainable and lasting ecosystem functions that reduce hazard vulnerability and risks
- 4) demonstrate collaboration among multiple stakeholders



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# Potential Project Types:

Projects that aim to enhance ecosystem services, such as flood protection, while also restoring critical habitat for fish and wildlife

Examples:

- tidal marsh and floodplain restoration
- dam removals to restore free flowing riverine systems
- coral reef restoration
- living shorelines



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# Coastal Ecosystem Resiliency FFO

## Important Dates:

Applications will be **due July 2<sup>nd</sup>** (45 days).

## Funding:

- NOAA will not accept applications requesting less than \$200,000 or more than \$2M in federal funds
- Match Requirement:  
2:1 ratio of Federal to non-Federal contributions





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# Project Eligibility

## Eligible applicants:

- ✓ institutions of higher education
- ✓ non-profit organizations
- ✓ commercial (for profit) organizations
- ✓ U.S. territories
- ✓ state, local and Native American tribal governments

## Ineligible projects:

- projects that are legally required mitigation or are otherwise required by law or settlement
  - land acquisition
  - beach nourishment projects
  - projects benefitting only freshwater species
- ❖ Documented Governor approval is needed for each award



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# Coastal Ecosystem Resiliency Program contrasted with the Community-based Restoration Program (CRP)



- The Ecosystem Resiliency grants program's primary objective is to implement restoration that will **increase ecosystem resilience** to extreme weather/changing climates, ultimately to reduce risks in coastal communities
- CRP's primary objective is to restore habitat that can **support sustainable fisheries and facilitate listed species recovery**

# Regional Coastal Resilience Grants

- Make coastal communities and economies more resilient by reducing risk and increasing ability to recover and adapt
- Inform decision making using environmental, economic, and social science information
- Employ regional approaches by engaging stakeholders and demonstrating collaboration and resource leveraging



# Regional Coastal Resilience Grants

Priority given to projects that

- Address strategies in relevant plans
- Leverage available resources
- Use clear evaluation measures



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# Regional Coastal Resilience Grants

## Potential Project Activities

- Identify and address priority data, information, and capacity gaps
- Develop tools to inform sound, science-based decisions in support of regional efforts to plan for a resilient ocean and coastal economy
- Acquire and integrate socioeconomic information with physical and biological information to improve the assessment of risk and vulnerability for planning and decision making
- Understand how hazards and changing ocean conditions affect coastal economies, including existing and emerging sectors that depend on the ocean and coasts



# Regional Coastal Resilience Grants

## Potential Project Activities (Continued)

- Develop information and approaches needed for improved risk communication, and necessary tools, technical assistance, and training tailored toward enhanced resilience
- Evaluate the costs, benefits, and tradeoffs of systems-based development or redevelopment approaches that incorporate both natural defenses and hard structural solutions
- Support the development of sustainable recovery, redevelopment, and adaptation plans and implement programs and projects that incentivize rebuilding and development approaches which reduce risk and increase resilience



# Regional Coastal Resilience Grants

**Eligible Applicants:** Regional organizations, nonprofit organizations, private entities, institutions of higher education, and coastal state, territorial, tribal, and local governments



# Regional Coastal Resilience Grants

- **Schedule:** Full applications due July 24, 2015
- **Award Amount:** \$500,000 to \$1 million in federal funds
- **Award Period:** 12 to 36 months
- **Match:** 2:1 ratio of federal to non-federal contributions





# The future of NOAA's Resiliency funding



The President's FY16 budget provides **\$50 million** to NOAA to identify and support resiliency projects.

The majority of that will be directed to NOS, with some funding for NMFS to fund on-the-ground coastal ecosystem resiliency projects.

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