

NOAA Climate Resilience Regional Challenge for Chesapeake Bay Climate Resilience Workgroup

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NOAA Funding Opportunities

- under the ***Bipartisan Infrastructure Law*** (\$3 billion over 5 years for NOAA to invest in habitat restoration, coastal resilience, and weather forecasting infrastructure)
 - **National Coastal Resilience Fund**
 - Habitat Restoration Funding for CZM and Reserves
 - Fisheries/Transformational Habitat Restoration & Resilience
 - Fisheries/Underserved Communities
- under the ***Inflation Reduction Act*** (\$2.6 billion for NOAA to invest in a framework to protect coastal communities and restore marine resources)
 - **Climate Resilience Regional Challenge**
 - Climate-Ready Workforce
 - Climate Resilience Accelerators



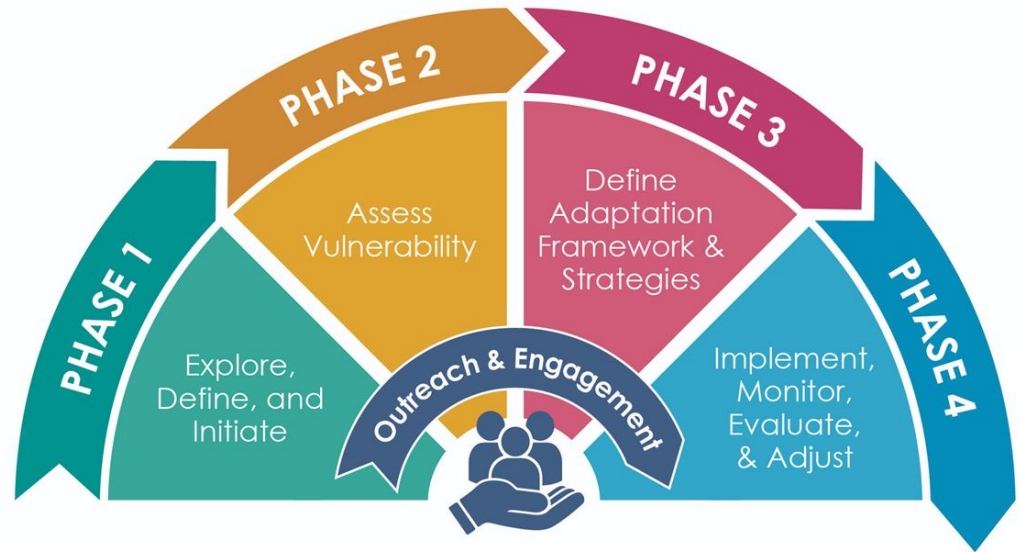
What we've learned working on coastal resilience and adaptation



- Funding needed to support underlying coordination efforts for climate adaptation planning.
- Implementation funding needed for those who have done resilience and adaptation planning.
- Nature-based solutions are not stand-alone solutions - they should be integrated with other approaches to coastal resilience.
- Communities have many challenges and need assistance from a broad range of Federal agencies.
- Despite being at greater risk, marginalized segments of society have not been included in preparing for and adapting to those threats

Adaptation:

Supporting people and communities to get from where they are to a future that is more resilient to a changing climate



NOAA's Climate Resilience Regional Challenge

- Approximately \$575 million in grants and \$70 million in technical assistance from the Inflation Reduction Act for projects that build resilience of coastal communities to extreme weather and other impacts of climate change.
- Administered by NOAA's Office for Coastal Management
- Priorities:
 - Risk reduction
 - Regional coordination and collaboration
 - Equity and inclusion
 - Enduring capacity



CRRC Priority: Risk Reduction

Reduce risk to coastal populations, infrastructure, economies, and ecosystems from future weather and climate impacts by:

- accessing and applying weather and climate risk information
- increasing community preparedness, decrease community exposure, and/or improve community recovery
- considering nature-based and hybrid green and gray actions
- providing co-benefits and alleviate multiple stressors
- including metrics for risk reduction



CRRC Priority:

Regional Coordination and Collaboration

Promote regional action through collaboration to identify and pursue a shared vision for resilience, including:

- ensuring relevant entities are engaged (especially Tribes, tribal organization and disadvantaged groups)
- focusing on shared needs, priorities, challenges, strategies, and actions that can be addressed at local and regional scales.
- partnering with diverse communities to inform planning efforts and build effective relationships



CRRC Priority: Equity and Inclusion

Ensure **equitable adaptation strategies and actions** led by or with Tribes and disadvantaged communities through:

- co-developing adaptation vision and strategies with members of disadvantaged communities
- ensuring benefits flow to disadvantaged communities
- including Tribes, tribal priorities, and indigenous knowledge



CRRC Priority: Enduring Capacity

Build **regional and local capacity** for addressing climate change that can be sustained into the future by:

- promoting continuous adaptation to the impacts of weather and climate
- developing and maintaining specific workforce capabilities and capacities
- extending benefits through information sharing and transfer of knowledge to other regions



CRRC: Eligible Applicants

- Coastal states, territories, counties, cities, or other political subdivisions including special purpose units
- Tribes and tribal organizations
- Non-profit organizations or associations, regional councils of government and regional planning councils
- Institutions of higher education



Climate Resilience Regional Challenge

Two Separate Tracks

Track One: Regional Collaborative Building and Strategy Development

- Applications for \$500,000 to \$2 million, to be spent over five years
- Typical amount anticipated is \$1 million. Total funding up to \$25 million
- NOAA will select 20 to 25 winning collaboratives

Track Two: Implementation of Resilience and Adaptation Actions

- Applications for \$15 million to \$75 million, to be spent over five years
- Typical amount anticipated is \$25 million to \$50 million. Total funding up to \$550 million
- NOAA will fund approximately 15 proposals



CRRC: Track One

Purpose: Initiate new, regional-scale collaborative efforts or advance existing partnerships with the goal of collectively move more coastal communities closer to taking action, especially those that have been marginalized, underserved, or underrepresented.

Examples of activities:

- build and expand regional partnerships
- engage and partner with Tribes and marginalized, underserved, underrepresented communities
- assess risk and vulnerability
- plan resilience strategies and adaptation actions
- build community capacity for climate adaptation efforts



CRRC: Track Two

Purpose: Implement coordinated adaptation efforts that support a holistic vision for resilience and build regional capacity to sustain future efforts, especially those that have been marginalized, underserved, and underrepresented.

Examples of Activities:

- acquire vulnerable land
- build natural infrastructure
- implement hybrid green and gray infrastructure
- strengthen or protect public access to coastal natural resources
- build region's capacity for ongoing actions that increase resilience
- update state and local codes and policies



What is a region?

- applicant defines and must be in coastal states and territories
- no minimum or maximum size by geographic distance or number of jurisdictions
- the places and communities within the region should -
 - face similar weather and climate impacts
 - share adjacent and/or overlapping geographical interests or administrative boundaries
 - benefit from the same natural, social, economic, and/or infrastructure systems
- of a size and scope that facilitates the implementation of resilience and adaptation actions at a regional scale and provides direct benefits to local communities
- with the amount of funding requested from NOAA, should be able to demonstrate significant, tangible resilience and adaptation outcomes that benefit the specified region as a whole and individual coastal communities



What is coastal?

- All communities in all coastal states are eligible.
- Evaluation criteria considers the economic, social, and/or environmental benefits to coastal communities and/or coastal ecosystems
 - letters of intent will be scored on the “extent the proposed effort prepares the region for implementation of future actions and/or directly reduces risk to coastal communities, infrastructure, economies, and ecosystems from weather and climate impacts.”
 - full applications will be scored on “how the benefits of a regional approach will flow to coastal communities”



Climate Resilience Regional Challenge: Technical Assistance

Directed, customized support to help applicants and funding recipients build their knowledge, ability, or capacity to adapt to climate change

During application process



After project funded



During the Application Process

- Consulting on eligibility of activities
- Accessing and applying NOAA climate data and tools to regional challenges
- Connecting with and leveraging climate experience of NOAA regional partners
- Acquiring and applying geospatial data and services

After Project Funded

- Applying climate and coastal management expertise to specific regional adaptation actions
- Developing climate workforce through training and train-the-trainer opportunities
- Assisting with communicating, engaging and convening regional partners
- Sharing knowledge and lessons learned across communities and regions



Climate Resilience Regional Challenge: Timeline

First step: Outline proposed project, submit letter of intent outlining proposal. NOAA will determine which qualify, then invite full applications.

Funding announcement: Released June 20, 2023

Due dates:

Letter of intent: Monday, August 21, 2023

Full application: Tuesday, February 13, 2024

Matching funds: No matching requirement for this funding

Announcement and awards: Summer and Fall 2024



Questions on the CRRC?

Website:

coast.noaa.gov/funding/ira/resilience-challenge

Email:

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Thank you!

Questions?

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