

# Disaster Preparedness for Coastal Communities

FY23 Special Projects Competition H

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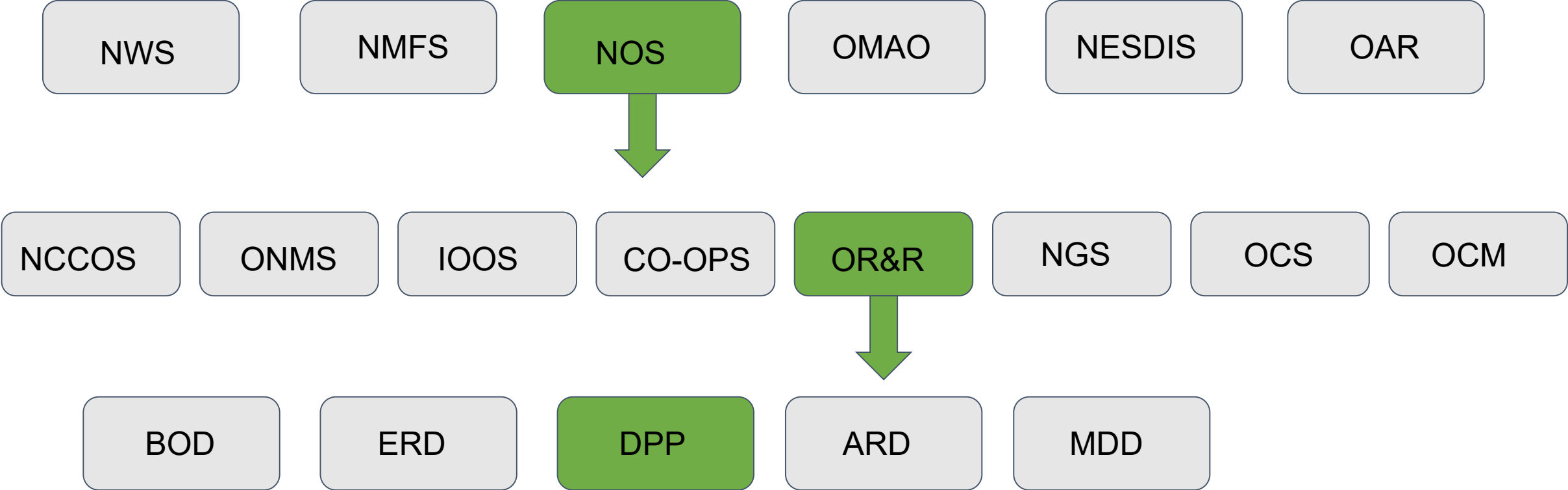


# Overview

- Introduction to the Disaster Preparedness Program
- Benefits of partnering
- Purpose of the funding opportunity
- Application details and process
- Implementation expectations
- Q&A



# Disaster Preparedness Program in NOAA



# Disaster Preparedness Program

- Vision: NOAA and coastal communities are safer through optimal disaster preparation, response, and recovery.
- Mission: To ensure NOS, partners, and coastal communities are able to effectively prepare for, respond to, and recover from all hazards, including coastal disasters.
- Intent:
  - Nationalize the regional vision of the GOM DRC
  - Support effective and efficient emergency response and recovery operations
  - Improve on NOS's Continuity of Operations Planning





# PREPAREDNESS AND RISK REDUCTION

## PLAN & BUILD

Develop and implement plan to prepare for disaster.



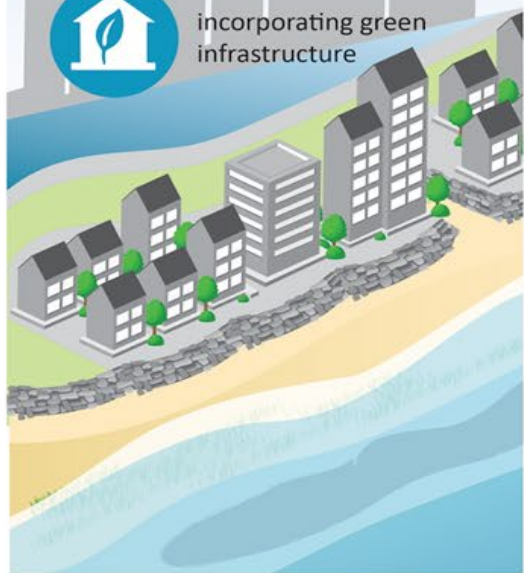
improving forecasts, observation models, computer systems



getting information to decision makers faster



incorporating green infrastructure



## DISASTER STRIKES

Disasters can be imminent or strike unexpectedly.



sea level rise



tsunamis



coastal storms and hurricanes



## RESPOND

Immediately take action following a disaster.



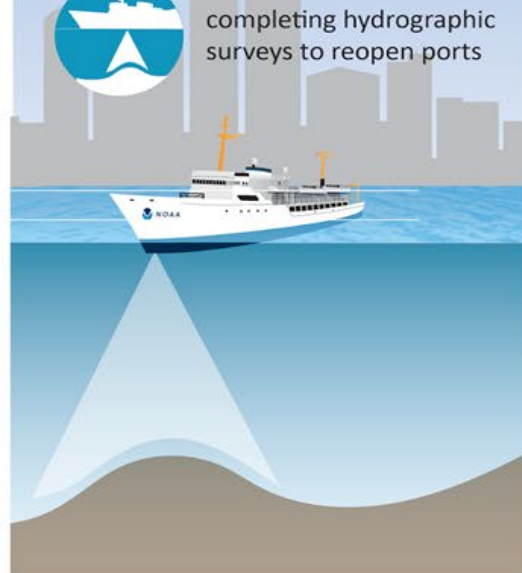
pollution response



damage assessment imagery



completing hydrographic surveys to reopen ports



## RECOVER

Assess resilience and manage adaptively.



assessing damage to communities, economy, and environment



issuing grants to rebuild and restore habitat



providing data and tools for analysis



Assess and begin planning for the next disaster.

# DPP Goals

- Capacity building (training, exercises, workshops)
- Coordination and communication (internal, regional, partnerships, outreach)
- Continuous improvement (lessons learned, resource/tool development, planning ahead)
- Preparedness, response, and recovery support (incident response, recovery, support to partners)
- Program development (program evaluation, professional development, diversity & inclusion)



# Building new partnerships



## How we can be better together

### DPP:

- Small program with a BIG job
- Limited geographic coverage
- Most relationships at the federal level
- Expertise focused in preparedness, response and restoration/recovery

### Sea Grant:

- Bigger program with a BIG job
- Geographically dispersed
- Diverse relationships with communities and other partners
- Broad expertise ranging from law and policy to research and development



An aerial photograph showing a coastal community with a winding waterway and marshland. The community is built on a narrow strip of land, with houses and trees visible. The waterway winds through the marshland, creating a complex, meandering pattern. The marshland is a mix of green and brown, indicating different types of vegetation and water levels. The overall scene is a typical coastal wetland environment.

# Purpose of the request

- Build the partnership between DPP and Sea Grant institutions through a cooperative agreement arrangement
- Expand DPP reach and impact to support our mission
- Utilize Sea Grant member expertise and connections
- Broaden the geographic extent and types of DPP support
- Give Sea Grant the opportunity to build upon existing projects/priorities by supporting *innovative* all-hazard preparedness, response, and recovery initiatives
- Leverage our combined expertise and resources to have a bigger impact
- **Improve preparedness for coastal communities - particularly those most vulnerable and least represented**



# Proposal Specifications

- Network-wide eligibility, focused on coastal communities (including islands, territories and Great Lakes)
- Legal/policy analysis, R&D, training/education, or tool/resource development are all acceptable project types
- Should address a preparedness gap/need to reduce disaster impacts and help expedite recovery
- Include a metric to evaluate success of project in meeting the stated objective(s)
- Coordination with DPP is encouraged during proposal development



# Previous Awards

- MIT Sea Grant, “Oil Spill Disaster Preparedness for Mashpee Wampanoag Tribe Coastal Aquaculture Operations and Cultural Resources”
- Wisconsin Sea Grant, “Developing Preparedness Capacity in Wisconsin Coastal Communities Against Combined Storm and Flood Events”
- Hawaii Sea Grant, “Building Back Better: A Pre-Disaster Recovery Plan for the Island of Kaua’i”
- Read more:  
<https://seagrant.noaa.gov/News/ArtMID/468/ArticleID/2905>



# Process for applicants

- Consult NOFO *and* Special Projects H announcement
- Provide a project narrative, budget narrative, and justification, and general forms required for Sea Grant applicants **INCLUDING an Abbreviated Environmental Compliance Questionnaire**
- At least three reviewers will provide written reviews based on listed criteria; a subsequent panel is possible to discuss the reviews
- Projects will be evaluated based on established criteria including relevance to program goals, technical/scientific merit (including innovation), overall qualifications of applicants, outreach, and project costs
- Available funding will be awarded to the top ranked projects until all funds are disbursed

# Project implementation

- Award will be a cooperative agreement with substantial involvement of DPP; Research Terms & Conditions will apply
- Provide regular updates to the DPP coordinator
- Report on results, including ability to meet success metric
- Timeline: start date no earlier than September 1, 2023 and no later than December 1, 2023, with completion no later than two years after the start date



# Questions



# Contacts

Send questions about the competition announcement or NOFO to [oar.hq.sg.competitions@noaa.gov](mailto:oar.hq.sg.competitions@noaa.gov)

To consult with DPP, contact [Jessica.White@noaa.gov](mailto:Jessica.White@noaa.gov)

