



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

NOAA Ocean Acidification Program Regional Resiliency & Vulnerability Assessments

Presented By:

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NOAA OCEAN ACIDIFICATION PROGRAM

Agenda

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What is a Regional Vulnerability & Resiliency Assessment & Why Is It Important?

Regional Resiliency & Vulnerability Assessments (RVAs) are interdisciplinary projects that supplement the physical, chemical, and biological science of ocean and coastal acidification (OCA) with social science to assess regional vulnerability.

Program Objective

How does Ocean & Coastal Acidification (OCA) - in the context of changing ocean conditions - affect dependent human communities?

- Identification and engagement of interested partners and groups
- Assessment of their needs
- Generation of products and tools that support management, adaptation, and resilience to OCA

FY20 NOFO vs FY25 NOFO

- Substantively, the goals and content of the NOFO remain unchanged
- Additional clarity on what an RVA is or could look like
 - [IWG-OA Vulnerability Assessment](#)
 - Guiding terms and phrases
 - Other frameworks for assessing vulnerability
- Emphasis on OA in the context of multiple stressors and co-production of knowledge in partnership with end user(s)
- Resiliency & Vulnerability Assessments Team on the [OA Info Exchange](#)

Program Options

Option 1: RVA

- Up to 3 years in duration, not to exceed \$400k/year
- *Must include a social scientist as lead PI or co-PI*

Option 2: Data Synthesis Collaboration

- Up to 2 years in duration, not to exceed \$250k/year

Option 3: Foundational Community Workshop

- Up to 18 months in duration, not to exceed \$100k/year

Priority Elements

1. A clear summary of the information
2. A plan to effectively structure and employ models and other tools
3. A plan to generate techniques for presenting multidimensional information
4. A synthesis of existing data
5. An assessment of management strategies

Award Information

- Total funding: up to \$3 million in FY25 (pending appropriations)
- Anticipate funding 1-6 projects for up to 3 years in duration
- Funding amount per project/year: \$100,000- \$400,000

Grant Systems Registration: Overview

1. SAM.gov: <https://sam.gov/content/entity-registration>
2. Grants.gov: <https://www.grants.gov/applicants/applicant-registration>
3. eRA Commons:
<https://www.era.nih.gov/register-accounts/register-in-era-commons.htm>

Note: Check with your institution's grant's manager to see if there is already an existing institutional account for these systems. Processing new system registration can take up to 4 weeks. Do this sooner rather than later!

Grant Systems Registration: [SAM.gov](https://sam.gov)

- Prior to registering with eRA Commons. Applicant organization must have a Unique Entity Identifier (UEI).
- Registration can take 2+weeks and requires annual renewal.

Registration guidance:

<https://sam.gov/content/entity-registration>

Grant System Registration: [Grants.gov](https://www.grants.gov)

- In order to submit an application, organizations must be registered in Grants.gov.
- Organizations must register after receiving the UEI from SAM.gov. Prior to submitting in Grants.gov, application organization must first register in eRA Commons.
- Registration can take 2-4 weeks.

Registration guidance:

<https://www.grants.gov/applicants/applicant-registration>

Grant Systems Registration: eRA Commons

- Prior to submitting in Grants.gov, applicant organization must register in eRA Commons. The eRA registration can start while an organization is waiting for their final SAM.gov approval of their UEI.
 - However, organization must have a complete SAM.gov registration in order to submit final application.
- Registration must be completed by the organization's signing official and can take up to 4 weeks.

Registration guidance:

<https://www.era.nih.gov/register-accounts/register-in-era-commons.htm>

LOI Requirements - 2 pages max

1. Project Type - Option 1, 2, or 3
2. Tentative project title
3. Name, phone number, email, and institution of all PIs – *Specify who is the lead PI.*
4. Approximate cost of project/year and overall total
5. Problem Statement & Response to End-User Needs
6. Brief summary of work to be completed, methodology, end-user group engagement and coordination plan

Due no later than 11:59pm EST on November 20, 2024

Full Proposal

1. SF 424
2. Summary Title Page
3. Project Description
4. Applications to Management Narrative
5. References Cited
6. Milestones Chart
7. Biographical Sketch
8. Current & Pending Support
9. Applicable Permits
10. Accomplishments from Prior Federal Support

Full Proposal (continued)

11. Budget Narrative/Justification

12. CD 511

13. SF 424B

14. SF 424A

15. Statement of Diversity & Inclusion

16. Letters of Support

17. Collaborators List - *email Excel sheet to Alexandra:*
alexandra.puritz@noaa.gov

Evaluation Criteria

1. Importance/Relevance and Applicability of Proposal to Program Goals (35%)
2. Technical & Scientific Merit (35%)
3. Overall Qualification of Applicant(s) (15%)
4. Outreach, Education, and Diversity (10%)
5. Project Costs (5%)

Evaluation Criteria (continued)

Importance/relevance and applicability of proposed projects to the program goals (35%)

This criterion ascertains whether there is intrinsic value in the proposed work and/or relevance to NOAA, federal, regional, state or local activities. This criterion ascertain whether the proposal demonstrates a comprehensive understanding of the issue, and clearly articulates and addresses at least one management or stakeholder need. This criterion also assesses the potential impact of the project. All outputs should be feasible and likely to lead to the identified outcomes. This criterion ascertains whether the proposal identifies and clearly articulates how planned outputs will be used within the context of the described management need.

Evaluation Criteria (continued)

Technical/scientific merit (35)

This criterion assesses whether the approach is technically sound and/or innovative, if the methods are appropriate, and whether there are clear project goals and objectives. This criterion also addresses whether the approach is appropriate for the problem being addressed, integrates the end user(s), and is likely to produce the planned outputs. Proposals must identify and demonstrate access to appropriate data sources for the planned analyses (30%)

This criterion also assesses whether the Data Management Plan ensures that the data collected and/or created will be made available to general users in a timely manner free of charge, or at minimal cost; this includes whether data generated/created will be archived at NCEI and/or another data portal better suited for social science archival (5%)

Evaluation Criteria (continued)

Overall qualification of applicants (15%)

This criterion ascertains whether the applicant possesses the necessary education, experience, training, facilities, and administrative resources to accomplish the project. This includes whether the applicant/s possesses the appropriate expertise and experience for the proposed technical methods and end user integration. This criterion also considers if the required letters of support for the advisory committee are present and the degree to which they show the potential for co-production of research (10%)

Special consideration will be given to previously-funded projects that were Option 2 (Data Synthesis Collaboration) or Option 3 (Foundational Community Workshop), and are now proposing to build upon that work and take the project to the next level as an Option 1 (RVA) or Option 2 (Data Synthesis Collaboration) project (5%)

Evaluation Criteria (continued)

Project costs (5%)

This criterion evaluates the budget to determine if it is realistic and commensurate with the project needs and time frame.

Evaluation Criteria (continued)

Outreach, Education, and Diversity (10%)

This criterion assesses whether the project provides a focused and effective education and outreach strategy regarding NOAA's mission to protect the Nation's natural resources. This criterion also evaluates the Diversity and Inclusion statement.

Important Dates

- Informational webinar - September 27, 3-4pm EST
- Optional virtual workshop - October 9, 1-5pm EST
- Optional office hours -
 - October 18, 3-4pm EST
 - November 15, 3-4pm EST
 - December 20, 3-4pm EST
 - January 17, 3-4pm EST
- Required LOIs due - November 20, 11:59pm EST
- Proposals due - March 5, 11:59pm EST



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Question & Answer Session

Send additional questions to:

Alexandra Puritz, alexandra.puritz@noaa.gov



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