Translating Coastal Research into Application Federal Funding Opportunity (FFO)

US Coastal Research Program (USCRP) and the National Sea Grant College Program (SG)

Webinar May 16, 2022

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2022 FFO: Translating Coastal Research into Application

- Opportunity Number: NOAA-OAR-SG-2022-2007298
- Posted on grants.gov - May 10, 2022

Today’s Webinar will review
1. What is Sea Grant?
2. What is the US Coastal Research Program?
3. 2022 FFO: Translating Coastal Research into Application
   a. Eligibility & Funding
   b. Program Objectives & Priorities
   c. Requirements
   d. Review Criteria
4. Questions
What is Sea Grant?

Based at universities across the country, Sea Grant works to provide research and outreach that help build and grow innovative businesses, protect against environmental destruction and natural disasters, and train the next generation of leaders.
Sea Grant Strategic Focus Areas

- Healthy Coastal Ecosystems
- Resilient Communities and Economies
- Sustainable Fisheries and Aquaculture
- Environmental Literacy and Workforce Development
Sea Grant - A Community-based Federal / State Partnership Program

Map showing Sea Grant Programs and Extension Offices across the United States.
The Sea Grant Model

Working through a network of community-based programs
Welcome to the U.S. Coastal Research Program

A National coastal effort to coordinate Federal activities, strengthen academic programs, & address coastal community needs

JOIN

info@uscoastalresearch.org
USCRP Research Themes

Complex issues require integrated approaches and provide opportunities for unique, and new partnerships

Extreme events:
storm-induced flooding, coastal erosion, community impacts, natural recovery

Long-term processes and coastal response: sea level changes, future storms, sediment supply, land use changes, human interventions

Biological, chemical, physical processes that impact human and ecosystem health.

Nearshore Report:
https://uscoastalresearch.org/publications
USCRP Enabling Infrastructure

**Observations:** Development of new sensors and methods, focused programs, and expanded nearshore observing systems; provide test beds to compare and improve models.

**Modeling:** Improved process representation, better model coupling, incorporation of data assimilation techniques, and testing of real-time models.

**Coordination/Collaboration:** Collaboration between academia, government, and industry will enable efficient transfer of results and predictive tools to stakeholders, supporting informed decisions that will improve diverse aspects of coastal management.
Since inception, the USCRP has provided a total of $11.4 million dollars in funding to university research and education programs.

**Dune Management Challenges** (2016): 5 projects

**Storm Processes and Impacts** (2018): 7 projects

**Research in Support of Federal Coastal Priorities** (2019): 24 projects including DUNEX

**Long-term Coastal Processes, Estuarine Ecosystems** (2020): 15 projects

The USCRP enhances research opportunities for academics and students by securing and directing funding to university programs. Funding from federal sources is targeted at research that addresses user challenges and priority science questions pertaining to the three priority research themes identified in the Nearshore Report. Proposals require participation from practitioners who will use research outcomes. By leveraging and expanding federal funding, opportunities are created for coastal science and engineering university programs to advance their research directions, provide graduate student opportunities, and connect their work to national coastal priorities.

Proposed research should address the user-identified needs or federal science priorities with products that are likely to have a positive impact in coastal communities. To advance expertise in coastal science and engineering, funding is directed towards projects that support graduate

**USCRP Story Map:**

**USCRP Research Highlights:**
https://uscoastalresearch.org/

**2020-research-highlights**
Partnership

- The goal of the FY22 funding opportunity and partnership with NOAA Sea Grant is to move USCRP research and development findings toward application through service delivery and decision support for coastal community decision-makers, planners, and other coastal stakeholders. The partnership encourages academic researchers to partner with Sea Grant Programs and share the tools and resources to conduct successful science translation projects.
The U.S. Coastal Research Program (USCRP) is partnering with NOAA Sea Grant as a key aspect of the USCRP is transitioning science to coastal communities, and Sea Grant holds high expertise in this area. This partnership will allow USCRP to more effectively and efficiently partner with coastal stakeholders to translate fundamental science problems and research to outcomes that benefit coastal communities and improve resilience.
The U.S. Coastal Research Program (USCRP) in partnership with NOAA Sea Grant is publishing a notice of funding opportunity to integrate research, its application, and community engagement in thematic areas of long-term coastal evolution, extreme storms, and human and ecosystem health.

Proposals should address the needs or gaps that have been identified by or are evident from USCRP-funded projects, to move research project findings toward application through service delivery and decision support for coastal community decision-makers, planners, and other coastal stakeholders.

$4,000,000 in collaborative nearshore research funding is anticipated to be available with partnership from:

USCRP

NOAA Sea Grant

Applications must be submitted by a Sea Grant Program
Pre-submission webinar on May 16, 2022 (register here)
Letters of intent due June 15, 2022
Full proposals due August 30, 2022

Details at seagrant.noaa.gov/funding

Read in Attachments or at seagrant.noaa.gov/funding
2022 FFO: Translating Coastal Research into Application

- Opportunity Number: NOAA-OAR-SG-2022-2007298
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Funding Opportunity Objective:
Because increasing resilience in coastal areas is critical, this year’s funding opportunity aims to support projects that will engage coastal community decision makers and help to advance the outcomes, successes, and lessons learned from past USCRP funded research.
Project Funding & Award Period

- Project Award Period
  - Tier 1:
    - Up to $150,000 in federal funds over two years (January 1, 2023 - December 31, 2024)
    - Projects that address one or more previously-funded project(s) and are relevant to program priorities
  - Tier 2:
    - Up to $500,000 in federal funds over four years (January 1, 2023 - December 31, 2026)
    - Projects proposing multi-partner efforts that address one or more previously-funded project(s) and are relevant to the program priorities.
Program Priorities


- Thematic program areas
  - long-term coastal evolution
  - extreme storms
  - human and ecosystem health

https://uscoastalresearch.org/publications
Program Priorities

Overview

The U.S. Coastal Research Program (USCRP) is a collaboration of Federal agencies, academics, and stakeholders leading a national effort to coordinate federal activities, strengthen academic programs, and address the growing needs of coastal communities. The program represents a community of researchers and practitioners with shared passions for coastal science, engineering and applications, working together to identify priorities and leverage resources that support our research-to-user objectives. The USCRP aligns resources to support academic studies in fostering the nation's future coastal workforce. By facilitating existing

Program Priorities

- Needs or gaps that have been identified by or are evident from USCRP-funded projects
  - Move research project findings toward application through service delivery and decision support for coastal community decision-makers, planners, and other coastal stakeholders.
  - Integrate research, outreach, and education to engage with coastal stakeholders
- Collaborative programs in which multiple disciplines and sources of knowledge are integrated holistically to lead to new and novel understanding and solutions to coastal resilience issues

- Note: Applicants and their partners do not need to have been previously funded by USCRP
Program Priorities

• Include multiple partners with a clear connection to coastal stakeholders and needs. Academic collaborations are encouraged.

• Support students who are developing research and leadership skills by placing at least one graduate student in a leadership role and potentially by bringing STEM undergraduates into the coastal field.

• Applicants are encouraged to include a diversity of disciplines in student support, as appropriate.
Eligible Applicants

- Eligible Applicants: Sea Grant College Programs, Sea Grant Institutional Programs, and Sea Grant Coherent Area Programs.

- Partnerships Encouraged: any individual; any public or private corporation, partnership, or other association or entity (including any Sea Grant Program or other institution); or any State, political subdivision of a State, Tribal government or agency or officer thereof.

- Federal agencies and their personnel may serve as uncompensated partners or co-Principal Investigators.
Eligible Applicants

- Sea Grant programs can be found at: https://seagrant.noaa.gov/About.
- If you need further assistance in identifying a Sea Grant program to partner with:
  - Contact Elizabeth Rohring or Nikola Garber at oar.hq.sg.competitions@noaa.gov.
  - Specify NOAA-OAR-SG-2022-2007298 funding opportunity in the subject line.
Requirements & Deadlines

Letters of intent Letter (LOIs)
- Due **June 15, 2022 5:00 pm local time**
- Send via email (oar.hq.sg.competitions@noaa.gov)
- Required to be eligible to submit a full proposal.

Full proposals (applications)
- Due in Grants.Gov by 11:59 p.m. **Eastern Time** on August 30, 2022.
Letters of Intent

Letters of intent Letter (LOIs)
● Due **June 15, 2022 5:00 pm local time**
● Send via email (oar.hq.sg.competitions@noaa.gov)
● Required to be eligible to submit a full proposal.

Elements (maximum of 3 pages)
● Cover Page
● Budget Overview
● Project Plan
Full proposals

Elements

- Project narrative
  - Project description (included in page limit)
    - Proposal overview
    - Goals and objectives
    - Societal and program relevance
    - Qualifications
    - Approach to community engagement
    - Deliverables
    - Partners
    - Diversity statement
Full proposals

Elements

- Budget narrative
  - Sea Grant 90-4 Form
  - Budget justification
    - Note: Applicants must also include in their budget, travel funds for at least one student and one PI for one in person meeting for Tier 1 and up to two in person meetings for Tier 2 applications.
    - Dates and location will be announced at a later date. For budgeting purposes, this may be in connection with a national conference or in the Washington, DC area for a period of 3 days
Full proposals

Elements

- Overall application
  - SF-424 Form - Application for Federal Assistance
  - SF-424A Form - Budget Information - Non-Construction
  - SF-424B Assurances – Non-Construction Programs
  - CD-511 - Certification Regarding Lobbying
  - SF-LLL (if relevant) - Disclosure of Lobbying Activities
## Evaluation Criteria

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<tr>
<th>Criterion</th>
<th>Value</th>
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<tr>
<td>1. Importance/relevance and applicability of proposed projects to the program priorities</td>
<td>25 Points</td>
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<td>2. Stakeholder Engagement</td>
<td>20 Points</td>
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<td>3. Technical/scientific merit</td>
<td>15 Points</td>
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<td>4. Overall qualifications of applicants</td>
<td>15 Points</td>
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<td>5. Project costs</td>
<td>10 Points</td>
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<td>Criterion</td>
<td>Value</td>
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<td>6. Graduate Student Support</td>
<td>5 Points</td>
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<td>7. Diversity, Equity, and Inclusion</td>
<td>5 Points</td>
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<td>8. Deliverables &amp; Timeline</td>
<td>5 Points</td>
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Resources for all NOFOs

Sea Grant Forms (90-2, 90-4, Abbreviated Environmental Compliance Questionnaire)
https://seagrant.noaa.gov/insideseagrant/Implementation

Sea Grant Application Guidance
https://seagrant.noaa.gov/Portals/1/Guidance/SeaGrantGeneralApplicationGuide.pdf

2 CFR 200 - Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards
https://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title02/2cfr200_main_02.tpl
Contact Information

Competition Inbox (managed by a team):

oar.hq.sg.competitions@noaa.gov

Elizabeth Rohring, Engagement Lead and Dr. Kola Garber, Deputy Director and Acting Assistant Director for Partnerships: