FY24 Brennan Matching Fund Informational Webinar



In honor of RDML Richard T. Brennan

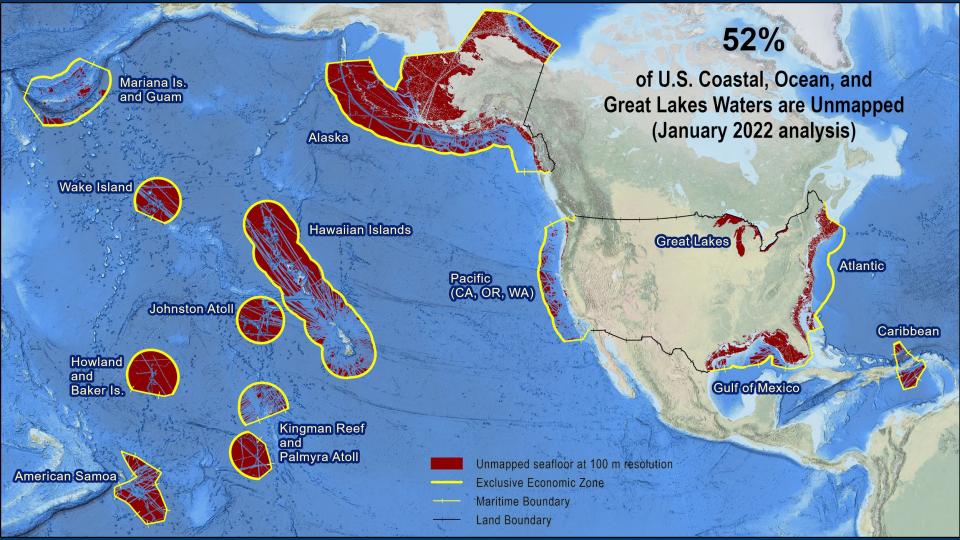
We will start at 2pm E.T. Meredith Westington NOAA Integrated Ocean and Coastal Mapping

Christy Fandel Chief, Operations Branch, Hydrographic Surveys Division

Seminar Logistics

- We encourage you to share input and feedback using the webinar and email:
 - We will be recording; attendees or their likeness will not be posted
 - ☐ Use "Questions" function to write your questions.
 - When submitting a question, please let us know if you would like to speak and we will unmute you. We will hold questions for the Q&A portion.
 - You can email us at iwgocm.staff@noaa.gov for any follow-up questions.
 - ☐ If you are having technical difficulties, please contact Amber Butler at amber.butler@noaa.gov.





Map Once, Use Many Times









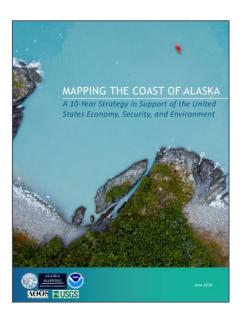




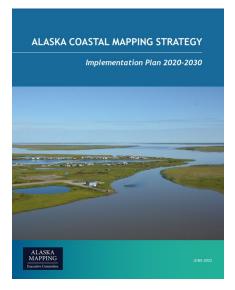
NATIONAL STRATEGY FOR MAPPING, EXPLORING, AND CHARACTERIZING THE UNITED STATES EXCLUSIVE **ECONOMIC ZONE**

> Prepared by the OCEAN SCIENCE AND TECHNOLOGY SUBCOMMITTEE OCEAN POLICY COMMITTEE

> > June 2020







https://iocm.noaa.gov/about/strategic-plans.html

Matching Fund in Brief

■ Leverage NOAA and non-Federal partner funds to acquire more ocean and coastal mapping data collected by qualified contract surveyors during FY 2024

- Increase hydrographic surveying and coastal mapping to support:
 - Safer navigation
 - Hazard mitigation for coastal resilience
 - Preservation of marine habitats and heritage

- Coastal and ocean science
- Deeper understanding of natural resources for sustainable ocean economies
- **MANY** other activities

What's New for FY24?

- Subject to appropriations, NOAA will provide up to 70 percent of the total project cost, with the selected entity providing at least 30 percent of the total project cost.
- New office hours opportunity to discuss proposals in advance of the deadline.
- Cost estimator worksheet available by contacting <u>iwgocm.staff@noaa.gov</u>.

NOAA ships Fairweather and Rainier, photo by NOAA



Areas of Focus

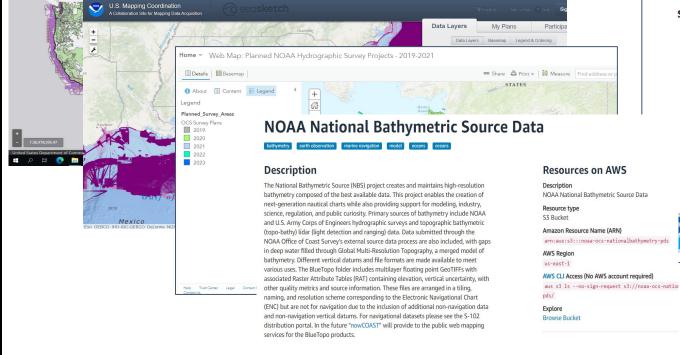
For this opportunity, proposals will be considered that are aligned with national priorities for climate and infrastructure, and the goals of the NOMEC, ACMS, and the Coast Survey Ocean Mapping Plan



- A. Map the United States Exclusive Economic Zone (EEZ)
- B. Expand Alaska Coastal Data Collection to Deliver the Priority Geospatial Products Stakeholders Require
- C. Map the full extent of waters subject to U.S. jurisdiction to modern standards

Tools to Use

United States Interagency Elevation Inventory



HYDROGRAPHIC SURVEYS SPECIFICATIONS AND DELIVERABLES

May 2020



Eligibility

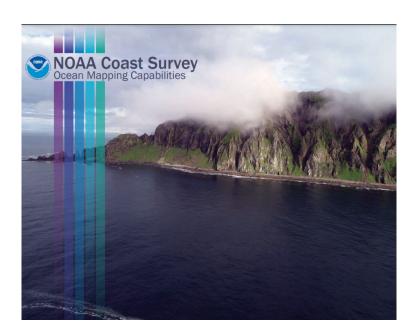
- Non-Federal entities. Examples:
 - State/local governments
 - □ Tribal entities
 - Universities/academia
 - □ Private sector
 - NGOs/philanthropic orgs
 - Coalitions of non-federal entities
- Qualifying proposals must demonstrate the ability to provide at least 30% matching funds, for transfer to NOAA by September 2023 via memorandum of agreement



Big Sur coastline, photo by NOAA

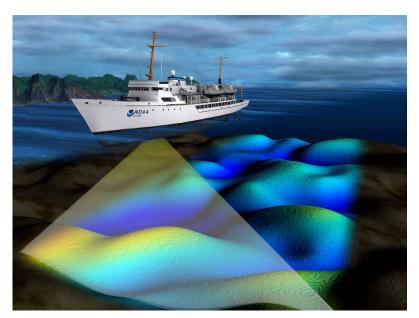
What NOAA Brings

- Hydrographic surveying and shoreline mapping expertise
- → 70% match
- □ 33 U.S.C. 883e authority to receive funds
- □ Value-added contract management and oversight
- Survey compliance
- ☐ Survey/control and correction/calibration services
- Data processing, quality assessment and review of all acquired hydrographic data
- □ Data management and stewardship from ping to hi-res products to archive at NOAA National Centers for Environmental Information



https://nauticalcharts.noaa.gov/about/docs/about/ocean-mapping-capabilities.pdf

Products



Potential products include, but not limited to:

- Bathymetric data (multibeam, single beam, lidar)
- Backscatter
- Water column (depth dependent)
- Side scan sonar imagery
- ☐ Feature detection reports
- Sensor/data corrections and calibrations (e.g., conductivity, temperature and depth casts)
- Survey and control services, including the installation, operation, and removal of water level and Global Positioning System stations
- Data processing, quality assessment and review of all acquired hydrographic data
- □ Data management and stewardship through data archive at the National Centers for Environmental Information
- ☐ High-resolution topographic/bathymetric product generation

How Mapping is Executed

Geospatial Contract Vehicles

A number of federal agencies have geospatial contract vehicles that are available for use by other agencies and partners. A Memorandum of Agreement must be signed detailing the partnership but once that is accomplished, the partner benefits from the expertise these agencies have in managing and acquiring ocean and coastal mapping data with the private sector.

Hydrographic Surveying Services: NOAA's Coast Survey manages this contract vehicle for hydrographic data, including multibeam sounding data, side scan sonar, acoustic backscatter, lidar, processing of the data, quality control and resulting products.

Shoreline Mapping Support Services: NOAA's National Geodetic Survey manages this contract for remote sensing, digital shoreline mapping, surveying, and associated tasks. Services include planning; collecting remotely sensed data from ground, aircraft, and/or satellite based sensors; conducting ground geodetic surveys; determining tidal datums; and digital map compilation.

Funding Availability & Project Period

Year 1: Coast Survey and the National Geodetic Survey anticipate funding up to five survey projects at a 70% match of up to \$1 million per project. All projects are expected to have an FY2024 project start date and all non-Federal partner matching funds must be received by NOAA in September 2023. NOAA intends to complete each selected project within two (2) years.

Deadlines and Dates

To: iwgocm.staff@noaa.gov

- September 30, 2022: Due date for proposals, statements of interest regarding potential future proposals, and all supporting GIS files
- November 1, 2022: NOAA issues its decisions on proposals
- November 2022 January 2023: NOAA works with selected partners to develop memoranda of agreement to facilitate the transfer of funds from the non-Federal partner to NOAA
- February 2023: NOAA finalizes the memoranda of agreement with partners
- June-September 2023: Non-Federal partners transfer matching funds to NOAA; funds must be available to NOAA for contracting in October 2023
- January-September 2024: NOAA issues task orders to its survey contractors for NOAA/partner FY24 projects



Submission Requirements

Six (6) total pages (plus optional GIS files of project areas) and the following **three** components:

- A project title; executive summary (3-5 sentences); and the names, affiliations, and roles of the project partners and any co-investigators, as well as the project lead that will serve as primary contact (1 page maximum).
- A justification and statement of need; description and graphics of the proposed survey area, including relevance to the strategic areas of focus noted in Section III and degree of flexibility on timing of survey effort (4 pages maximum).
- A project budget that lists the source(s) and amount(s) of funding that the partner would provide as its match to NOAA. Budget must confirm that partner funds can be transferred to NOAA by September 2023 (1 page maximum).

Evaluation Criteria

Proposals will be evaluated by the Brennan Matching Fund Program Management Team.

E.g., does the proposal have:

- ☐ Intrinsic IOCM value and/or relevance to NOAA missions and priorities?
- ☐ Clear need, anticipated outcomes, public benefit?
- POC and partners identified? Funding sources identified?
- Realistic proposed budget?
- ☐ Feasibility, flexibility?



We want to hear from you!

Interested, but the timing doesn't work? You'd consider submitting a proposal in future?

One page letter of interest:
Tell us what your timing hurdles are, where/what you are interested in, potential partners if more time, etc.

If you have outstanding questions, you can also join us for office hours on September 14th by emailing iwgocm.staff@noaa.gov

Contact information



FOR FURTHER INFORMATION CONTACT:

Meredith Westington, NOAA Integrated Ocean and Coastal Mapping (505) 278-9851 - meredith.westington@noaa.gov

Or

Paul Turner, NOAA Integrated Ocean and Coastal Mapping (302) 648-7612 - paul.turner@noaa.gov

