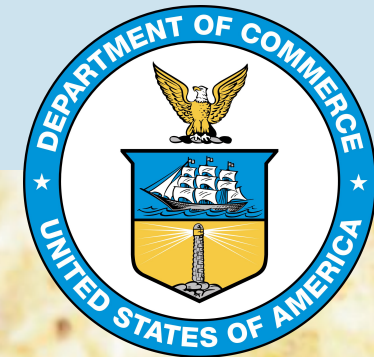


NOTICE OF FUNDING OPPORTUNITY (NOFO) WEBINAR

# **FY 2024 National Aquaculture Initiative: Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species**

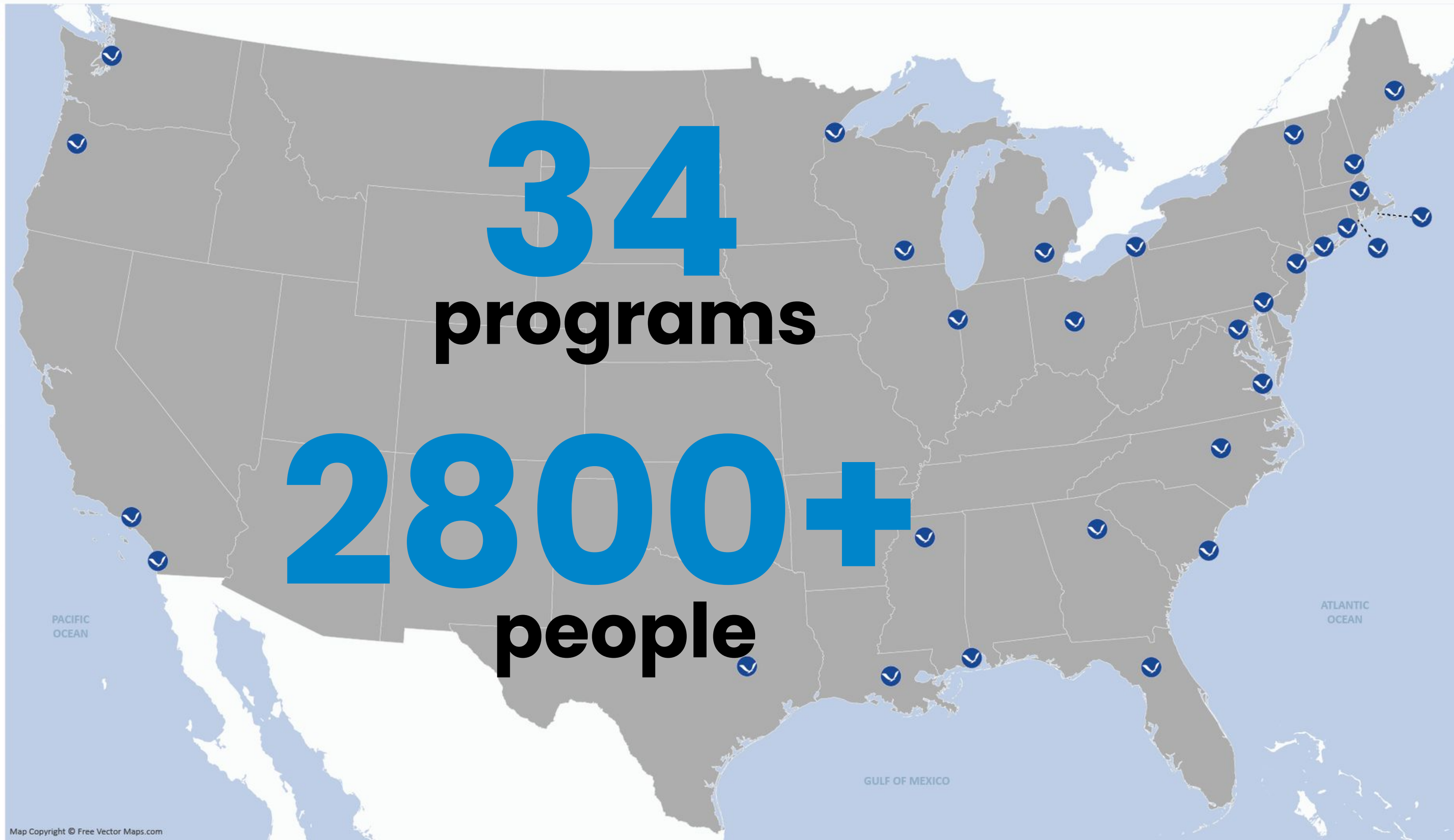


# National Sea Grant College Program

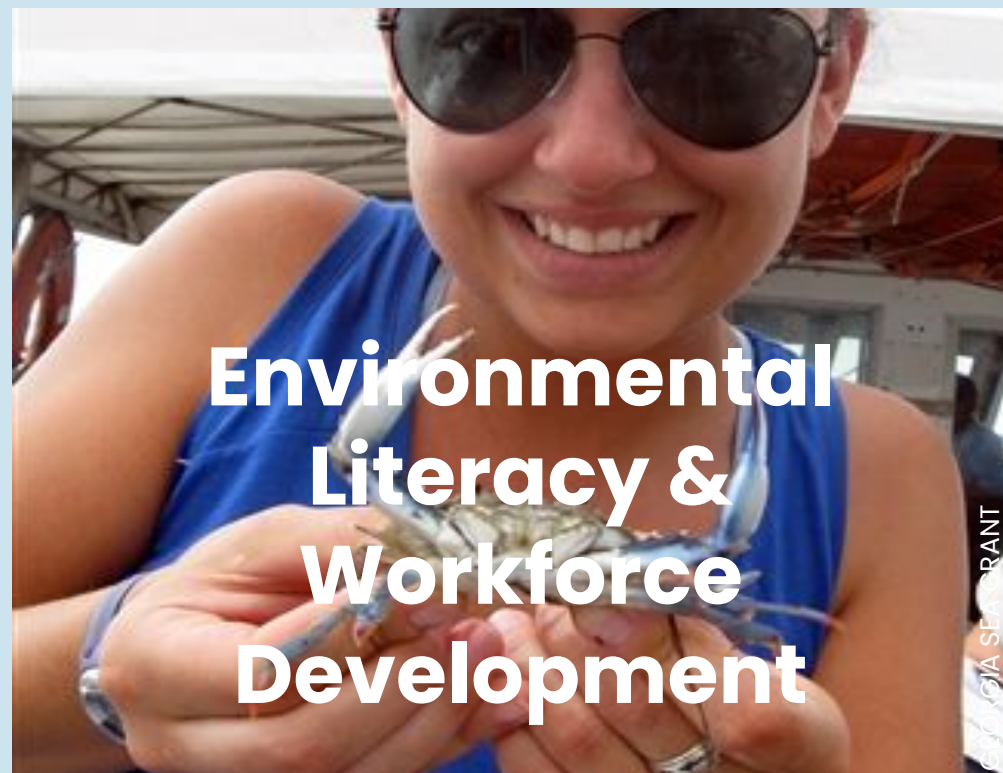
The National Sea Grant College program was **established by the U.S. Congress** in 1966 and works to create and maintain a healthy coastal environment and economy. Sea Grant's mission is to **enhance the practical use and conservation of coastal, marine and Great Lakes resources in order to create a sustainable economy and environment.**



# Research | Education | Extension



# Focus Areas



# Aquaculture Funding

Since 1966, Sea Grant has invested in the development of sustainable marine and Great Lakes aquaculture to help coastal communities maintain a safe and sustainable local seafood supply.

- National Aquaculture Initiatives (NSI)
  - Production
  - Business Support
- Aquaculture Supplemental
- Technology & Education Travel Grants
- Aquaculture Internships Program
- Aquaculture Collaboratives
- Legal Issues

# **FY 2024 National Aquaculture Initiative: Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species**



**Consistent with Sea Grant's national focus area of Sustainable Fisheries and Aquaculture, the Sea Grant Network 10-year Aquaculture Vision, and NOAA and Department of Commerce Aquaculture goals.**

**Builds on NOAA's investments in extramural aquaculture research through Sea Grant, the National Marine Fisheries Service (Fisheries Commissions and Saltonstall-Kennedy), and NOAA Small Business Innovative Research (SBIR) grants.**

**All projects must take place within the United States or territories or their respective waterways.**

# **FY 2024 National Aquaculture Initiative: Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species**

NOTICE OF FUNDING OPPORTUNITY (NOFO) WEBINAR

**Posted on Grants.gov – December 6, 2023**  
NOAA-OAR-SG-2024-24677

**This webinar will include:**

- [Available Funding and Project Period](#)
- [Program Objectives](#)
- [Program Priorities](#)
- [Eligibility Information](#)
- [Submission Information](#)
- [Additional Information](#)

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

Available Funding & Project Period

08

Sea  
Grant 

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- Sea Grant anticipates having approximately **\$5,000,000–\$6,000,000** in FY2024 federal funds will be available to fund approximately **4–12 projects** for **up to three years** in the following categories:
  - **Up to \$250,000** in Federal funds can be requested by **individual entities** (e.g. a single individual, group, or institution) for research projects that address one or more topics relevant to program priorities.
  - **Up to \$1,200,000** in Federal funds can be requested for projects proposing **collaborative, multi-partner efforts** addressing the program priorities.
- Projects are expected to start on **September 1, 2024** and be completed by August 31, 2027

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

## Program Objectives

09

Sea  
Grant 

## NOTICE OF FUNDING OPPORTUNITY (NOFO) WEBINAR

This competition focuses on enhancing research and programs that will **develop and refine methods, protocols, techniques, and/or strategies to enhance the production of one or more life stages of aquaculture species**. The overall goal of this competition is to **enhance the production of aquaculture species to improve the efficiency, output, and profitability of commercial coastal, marine, and the Great Lakes region aquaculture businesses**.

Strong applications will address program priorities below and will integrate **research and extension**:

- support broad, non-proprietary research to address critical issues and/or barriers with respect to the production of aquaculture species;
- make that information available to U.S. aquaculture businesses;
- and preferably include participation and involvement of Sea Grant extension personnel and industry stakeholders.

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

Program Priorities

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Sea  
Grant

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Projects that focus on one or more life stages of the following aquaculture categories and organisms in both marine and freshwater are eligible for this competition and include:

- **Microalgae and macroalgae (seaweed)**
- **Molluscs**
- **Crustaceans**
- **Ornamentals**
- **Baitfish**
- **Finfish species for food production**
- **Misc. invertebrates**

Proposals that focus on addressing production challenges of species that are currently being produced or have good potential for commercialization in coastal, marine, or the Great Lakes region environments are preferred.

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

Program Priorities

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Proposals may address one or more topical areas of research including:

- **Reproduction and/or selective breeding**
- **Genetics**
- **Larviculture/early development**
- **Nursery production**
- **Ongrowing**
- **Disease/health management**
- **Nutrition**
- **Physiology**
- **Production systems/engineering/automation**
- **Production methods/strategies/technologies**

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

Program Priorities

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Successful proposals will:

- **Demonstrate a clear understanding** of current limitations and research needs regarding the production of eligible aquaculture species.
- **Increase the knowledge base** of various aspects of enhancing the production of aquaculture species with the overall goal of improving the efficiency, output, and profitability of commercial coastal, marine, and Great Lakes region aquaculture businesses.
- **Involve Sea Grant extension personnel and relevant activities** (e.g., education, outreach, transfer of technology and results) to build on past research and inform industry stakeholders and others involved in U.S. aquaculture, including funding (federal or match), as appropriate.

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

Program Priorities

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Sea  
Grant

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Successful proposals will:

- Involve industry participation.
- Engagement with and support of investigators and/or students through partnerships with Minority Serving Institutions is encouraged.
- Engagement of underserved audiences and communities is encouraged.



FLORIDA SEA GRANT

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

Eligibility Information

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The following entities are eligible and encouraged to participate in this funding opportunity:

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

Federal agencies and their personnel are **not permitted to receive federal funding under this competition**; however, federal scientists and other employees can serve as uncompensated partners or co-Principal Investigators on applications.

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

Eligibility Information

## NOTICE OF FUNDING OPPORTUNITY (NOFO) WEBINAR

Federal labs and offices can also make available specialized expertise, facilities or equipment to applicants but **cannot be compensated under this competition for their use, nor can the value of such assets be used as match.**

Non-Federal matching funds equal to **at least 50 percent** of the federal funding request must be provided unless a waiver justified by statute is granted. The cumulative match at the end of each year of the grant must not fall below 50 percent of the cumulative Federal request up to that point.

In-kind contributions directly supporting this application may count towards this matching requirement.

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

Submission Information

## NOTICE OF FUNDING OPPORTUNITY (NOFO) WEBINAR

### Letter of Intent (LOI)

LOIs will allow the National Sea Grant Office to gauge interest and topics that may be submitted. While **LOIs are required**, they will **not** be used to decide whether or not a full proposal should be encouraged.

**All applicants submitting a Letter of Intent will be eligible to submit a full proposal.**

Letters of Intent to this competition **must be received** via electronic mail by the National Sea Grant Office ([oar.hq.sg.aquaculture@noaa.gov](mailto:oar.hq.sg.aquaculture@noaa.gov)) **by 5:00 pm** (local time of lead submitting entity) **on January 17, 2024.**

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

Submission Information

## NOTICE OF FUNDING OPPORTUNITY (NOFO) WEBINAR

### Full Proposal Applications

Full Proposal Applications must be submitted to

[Grants.gov](https://www.grants.gov) **by 11:59 pm Eastern Time on April 3, 2024.**

- National Sea Grant Office staff will only be available to answer questions until 5:00 p.m. EDT.
- Validation or rejection of an application by [Grants.gov](https://www.grants.gov) may take up to two business days after submission.

Application packages are available online and can be downloaded from [www.grants.gov](https://www.grants.gov) under opportunity [NOAA-OAR-SG-2024-24677](https://www.grants.gov/NOAA-OAR-SG-2024-24677).

# Enhancing Production of Coastal, Marine, and Great Lakes Aquaculture Species

Additional Information, Resources &  
Reminders

## NOTICE OF FUNDING OPPORTUNITY (NOFO) WEBINAR

Applications that are missing required elements listed or applications coming from ineligible applicants **may be rejected without further review.**

Applicants **must redact all Personally Identifiable Information (PII)** in application materials **prior to** final submission to Grants.gov. PII that must be redacted from the application includes social security number, date of birth, student ID number, or other information which if lost, compromised, or disclosed without authorization, could result in harm, embarrassment, inconvenience, or unfairness to an individual.

Applicants may contact the [competition managers](#) to confirm receipt of required application elements prior to the Grants.gov deadline.

## NOTICE OF FUNDING OPPORTUNITY (NOFO) WEBINAR

# Contacts: NSGO Aquaculture Managers

### Competition Inbox

(managed by the NSGO Aquaculture Team)

[oar.hq.sg.aquaculture@noaa.gov](mailto:oar.hq.sg.aquaculture@noaa.gov)



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