



# Sea Grant

## MONTHLY

March 2024



Sea Grant made waves in 2022. From leading research to driving sustainability, our programs left lasting impacts across coastal and Great Lakes communities. In the latest StoryMap, explore some of Sea Grant's impacts in healthy coastal ecosystems, sustainable fisheries and aquaculture, environmental literacy and workforce development, and resilient communities and economies. While the impacts highlighted occurred between Feb. 1, 2022 and Jan. 31, 2023, and were collected during Summer 2023, many of these projects are ongoing and build on years of partnerships.

[Dive into the StoryMap](#)

### American Lobster Research Funding Opportunity Now Open

Sea Grant anticipates approximately \$2,000,000 in FY 2024 federal funds will be available to support projects that will advance our scientific knowledge of the American Lobster fishery and support the resiliency of fishing communities in the face of environmental change and economic uncertainty. Applicants are strongly encouraged to consider projects that involve partnerships among industry, State



agencies, academia, and other community members engaged in the research priorities they intend to investigate.

[Applications are due May 7, 2024—Learn more](#)

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## Young Fishermen's Career Development Projects Competition Now Open

Sea Grant anticipates approximately \$1,000,000 in FY 2024 federal funds will be available to support 2-3 projects that will develop and execute local, regional and national programs, workshops and services to enable fishermen to enter career paths and make a living supplying seafood from our oceans, coasts and Great Lakes. Successful projects will create and implement trainings that include the following types of programs, workshops, and services: seamanship, navigation, electronics, and safety; vessel and engine care, maintenance, and repair; sustainable fishing practices; other training needs as identified by the community.

[Applications are due May 2, 2024—Learn more](#)



## Fisheries Management Informed by Seabirds

What can seabirds teach us about fish populations? A research team supported by New Hampshire Sea Grant studies the diets of seabirds—specifically terns in the Isles of Shoals—to gather data for younger, smaller fish, which helps more accurately measure the health of specific fisheries. The project will inform local fisheries monitoring and management decisions.

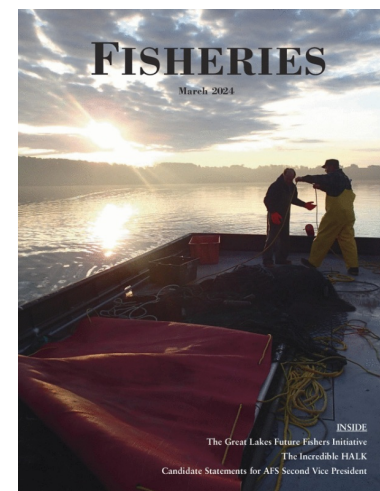
[Catch a glimpse from the field in this video](#)

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## Supporting the Next Generation of Great Lakes Seafood Providers

Wisconsin and Michigan Sea Grant programs are addressing the gap in workforce development opportunities for Great Lakes fisheries. The programs designed a framework that can be used to implement a Great Lakes commercial fishing and fish processing training program that would also serve people seeking careers in fisheries management. The framework, known as the Great Lakes Future Fishers Initiative, reflects the perspectives and experiences of commercial fishers, seafood processors and regulators in the Great Lakes region.

[Read about the initiative in Fisheries Magazine](#)





## Bolstering Responsible Ecotourism

Along Georgia's unique coast you'll find abundant wildlife: crabs, sea turtles, and thousands of migrating shorebirds. Georgia Sea Grant encourages responsible ecotourism through an award-winning certification program that helps ecotour guides give enriching tours without disturbing fragile ecosystems. The program works to sustain tourism on Georgia's coast, contributing to the state tourism industry's annual \$54 billion economic impact.

[See how the program is making a difference](#)

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## Recognizing Women's History Month

March marks Women's History Month. Celebrate with Sea Grant by [connecting with organizations that support women in science](#) and by [learning about some of the remarkable women in marine and coastal sciences!](#)



*Women of Sea Grant pictured at this month's Sea Grant Association Meeting in Washington, D.C.*



## Partnering to Show Local Impacts of Coastal Flooding

Washington Sea Grant is supporting the application of a United States Geological Survey modeling system to help planners, managers and residents understand the impacts of coastal flooding to Whatcom County property, homes and businesses. Whatcom County, in coastal northwest Washington, is the first in Washington state to receive specific projections and results from the Coastal Storm Modeling System, and location-specific data will soon be available statewide.

[Learn more about the tool](#)

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## A Harmonious Collaboration

This month, climate data took center stage at the National Opera Center thanks to a project funded by [Connecticut Sea Grant's Arts Support Award](#). The project brings together an oceanographer, pianist and composer to create and perform music inspired by climate-related data. The concert featured innovative classical piano works created from oceanographic data off the coasts of New York, Connecticut and Japan.

[See the live stream of the performance](#)



## Reviewers Needed for Knauss Fellowship Selection

The National Sea Grant Office is in the process of convening the [Sea Grant Knauss Fellowship](#) selection panel for the 2025 class of Sea Grant Knauss Fellows. To provide the most equitable review process possible, we are looking for a large number of reviewers to support the application review process. We ask that you express interest before **April 17, 2024**, and we will notify you about your involvement.

[Learn more and express your interest](#)

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## In Pictures: Virginia Sea Grant Chef's Seafood Symposium

Scenes from the 2024 Chef's Seafood Symposium at the Virginia Institute of Marine Science in Gloucester Point, Va. on March 12, 2024. Credit: Lathan Goumas | Virginia Sea Grant



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## Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, including South Atlantic Reef Fish Extension/Communication Fellowship with North Carolina Sea Grant, Oregon Coast STEM Hub Programming Coordinator with Oregon Sea Grant, and Communications Manager with Texas Sea Grant.

[Sea Grant FY 24 Young Fishermen's Career Development Projects Competition](#) Sea Grant anticipates approximately \$1,000,000 in FY 2024 federal funds will be available to support 2-3 projects that will develop and execute local, regional and national programs, workshops and services to enable fishermen to enter career paths and make a living supplying seafood from our oceans, coasts and Great Lakes. Applications must be submitted to Grants.gov by **May 2, 2024**.

[Sea Grant FY 24 American Lobster Research Funding Opportunity](#) Sea Grant anticipates approximately \$2,000,000 in FY 2024 federal funds will be available to support projects that will advance our scientific knowledge of the American Lobster fishery and support the resiliency of fishing communities in the face of environmental change and economic uncertainty. Applications must be submitted to Grants.gov by **May 7, 2024**.

## Opportunities and Updates from Partners

[Pathways to Ocean Science Careers Survey](#) Researchers with the Virginia Institute of Marine Science seek survey respondents from industry, government, education and non-profits to learn which significant life experiences play a key role in pathways to ocean science careers. For this study, "ocean science career" is defined as any work related to oceans, estuaries, the coastal zone or Great Lakes regions. The survey may be completed and shared using the link above.

[Request for Proposals for FY 2024 National Coastal Resilience Fund](#) The National Fish and Wildlife Foundation, in partnership with the National Oceanic and Atmospheric Administration, released a request for proposals for the FY 2024 National Coastal Resilience Fund. Funded projects will restore, increase, and strengthen natural infrastructure—the landscapes that help absorb the impacts of storms and floods—to ultimately protect coastal communities and enhance

fish and wildlife habitat. Pre-proposals are due April 10, 2024.

[Input Requested for Marine Carbon Dioxide Removal Research Plan](#) The White House National Science and Technology Council Marine Carbon Dioxide Removal Fast-Track Action Committee requests input from all interested parties to inform the development of an implementation plan regarding marine carbon dioxide removal research. Responses will be accepted until April 23, 2024.

[Power at Sea Prize Funding Opportunity](#) The American-Made Power at Sea Prize seeks new, innovative, and feasible marine energy concepts that can fulfill Powering the Blue Economy initiatives—including supporting offshore industries, science, and security activities, and meeting the energy and water needs of coastal and rural island communities. The submission deadline for the concept phase is July 26, 2024.

[2024 International Conference on Shellfish Restoration](#) The 2024 International Conference on Shellfish Restoration will be held September 15-18, 2024 in Jekyll Island, GA. Georgia Sea Grant is leading this meeting and is working closely with the Mississippi-Alabama Sea Grant Consortium. For more information follow the link above.

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