

August 2021

Introducing Sea Grant's "On My Coast" podcast



"On My Coast" shares the stories of people on America's coasts, whose experiences and challenges have inspired and been the focus of Sea Grant's work for over 50 years. Join host Amara Davis, a Knauss Fellow with Sea Grant's National Office, to learn how Sea Grant brings science together with communities for solutions that work. In the first episode, released this month, we share how governments, researchers, nonprofits and community members have come together to tackle the unique challenges islands face. Tune in for conversations with Joshua Tenorio (Lt. Governor of Guam), Austin Shelton (Assistant Professor at the University of Guam and Director of Guam Sea Grant), Sunny Rice (Alaska Sea Grant Marine Advisory Agent), and Shelly Krueger (Florida Sea Grant Extension Agent).

[Listen to Episode 1](#)

Sea Grant awards \$3.5 million to improve sustainable aquaculture, strengthen seafood resources

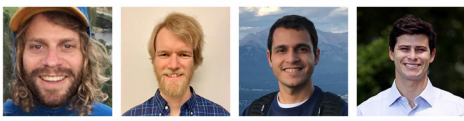
Sea Grant announced \$3.5 million in federal funding to support two efforts aiding sustainable growth of U.S. seafood, one focused on improving coordination for marine aquaculture development and another that addresses COVID-19 impacts to seafood resources.

[Learn about funded projects](#)



Welcome to the 2021 NMFS-Sea Grant Fellows

Sea Grant and NOAA Fisheries welcomed the 2021 National Marine Fisheries Service (NMFS)-Sea Grant Joint Fellowship



recipients. Five population and ecosystem dynamics fellowships and two marine resource economics fellowships were awarded through this national program. The fellowships offered within this program are aimed at training the next generation of specialized experts in fisheries management.

[Meet the 2021 NMFS-Sea Grant Fellows](#)

NOAA Sea Grant-Marine Debris Program partnership continues to address marine debris challenges with six new projects

NOAA Sea Grant and the NOAA Marine Debris Program shared the funding of six new projects to prevent the introduction of marine debris into marine, coastal and Great Lakes environments. The competitively selected projects come from Florida, Georgia, Hawai'i, Illinois-Indiana, Wisconsin and Puerto Rico Sea Grant programs.

[Learn about funded projects](#)



Mississippi-Alabama Sea Grant Consortium selects team to estimate abundance of Greater Amberjack in South Atlantic, Gulf of Mexico

A team of scientists, selected through a peer-review process organized by the Mississippi-Alabama Sea Grant Consortium, will conduct an independent study to estimate the number of Greater Amberjack in the U.S. waters of the South Atlantic and Gulf of Mexico regions. The team will also investigate the fish's movement and how it is distributed by habitat, including artificial, natural and uncharacterized habitats.

[Read about the study](#)

Knauss Blog Highlights: Aiding coastal & marine policy development at sea and in the office

On the Knauss Blog this month, Oregon Sea Grant Knauss Fellow Lu Wang broadens her personal and professional horizons while at sea on NOAA Ship *Okeanos Explorer*, and Louisiana Sea Grant Knauss Fellow Kenneth Erickson shares the graduate student skills that help him succeed in his placement with NOAA's Office of Legislative and Intergovernmental Affairs.

[Continue reading on the Knauss Blog](#)



Back to school #SeaGrantSTEM resources

Back to school and back to learning! This month, Sea Grant highlighted #SeaGrantSTEM education efforts and resources geared for teachers, students and parents on social media, like:

- [Louisiana Sea Grant's](#) lesson plans and activities on manatees and more,
- [Maryland Sea Grant's](#) Chesapeake Bay science lessons,
- [North Carolina Sea Grant's](#) Watershed Wisdom lesson plan,
- [New York Sea Grant's](#) environmentally-themed pre-K to 12th-grade educational resources, and

- [Ohio Sea Grant's](#) Great Lakes Climate Change Curriculum.



New publication identifies broadening participation initiatives to inspire positive culture change

A new Oceanography article, co-authored by Georgia Sea Grant's Mona Behl and Oregon Sea Grant's Sarah Kolesar, examines the culture of coastal, ocean, and marine sciences and strategies for dismantling barriers and promoting belonging, accessibility, justice, equity, diversity, and inclusion in the field. The article provides a consolidated summary of a few innovative, broadening participation initiatives that are being led by various stakeholders in academia and research sectors at different institutional levels in hopes of inspiring the coastal, ocean, and marine science community to take individual and collective actions that lead to a positive culture change.

[See the article](#)

Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, such as Research and Fellowship Program Coordinator with Minnesota Sea Grant, Coastal and Marine Education Program Specialist with North Carolina Sea Grant, and Sustainable and Resilient Community Extension Educators with New York Sea Grant.

[Massachusetts Sea Grant Graduate Research Fellowship](#) This new fellowship is geared towards providing funding and support for students who have not yet matriculated into a graduate program but are applying and intend to enroll in a thesis-granting graduate program in Massachusetts during Fall 2022. Applications for the 2022-2024 period are due **October 1, 2021**.

Connections and Partner Updates

The National
Academies of

SCIENCES
ENGINEERING
MEDICINE

OCEAN DECADE U.S.

U.S. National Committee for the Decade of
Ocean Science for Sustainable Development



The [United Nations Decade of Ocean Science for Sustainable Development](#) (2021-2030) aims to provide "the science we need for

the ocean we want" so that future generations will receive the benefits of a healthy ocean. To engage the U.S. ocean community, the National Academies of Sciences, Engineering, and Medicine have convened the [U.S. National Committee for the Ocean Decade](#). The Committee encourages domestic participation in the Ocean Decade through submission of "Ocean-Shots," defined as ambitious, transformational research concepts. These submissions are available in the [Ocean-Shot Directory](#), where you can search specific topics and find potential collaborators for your decade-related activities. [Learn more and submit a concept](#). Also, check out the other [resources](#) available on the Ocean Decade U.S. website, including Ocean-Decade-related materials and videos, Nexus Member Stories highlighting contributions to the Decade, and the opportunity for organizations to become part of the [Ocean Decade U.S. Nexus](#).

[New National Academies Report from the Resilient America Program](#) "Motivating Local Climate Adaptation and Strengthening Resilience" provides guidance for active and ongoing efforts to move science and data into action and to enable and empower applied research that will strengthen capacities for hazard mitigation and resilience in communities, across the nation, and around the world. [Access the report here](#).

[Great Lakes Observing System Survey of Recreational Lake-Goers](#) The Great Lakes Observing System, a

nonprofit that maintains apps like [GL Buoys](#), is conducting a 4-minute survey of recreational lake-goers to better understand the landscape of organizations that could benefit from data and information from the observing system. [Complete the survey here](#).

[Urban Flood Resilience Cyberseminar Series](#) Join the Consortium of Universities for the Advancement of Hydrologic Science Wednesdays this fall for "Perspectives on urban flood resilience: How different fields tackle one of the world's most prevalent disasters", a cyberseminar series that seeks to bring together individuals from different backgrounds who are addressing the complex problem of urban flooding. [Register here](#) for seminars taking place **September 8-October 13**.

[NOAA Weather Program Office 2022 Notice of Funding Opportunity](#) The NOAA Weather Program Office is soliciting research toward improving weather, water, air quality, fire weather, earth-system modeling and observations, and social, behavioral, and economic science applications. Projects should focus on advancing science and technology from the research stage to transitionable outputs or prototype products that NOAA or external partners could further develop into practical applications and operations. Letters of intent must be submitted by 5p ET on **September 14, 2021**.

[Virtual Social Science Basics for Coastal Managers](#) NOAA's Office for Coastal Management is offering online training, intended for the novice participant new to the social science disciplines interested in coastal or resource management challenges. "Understanding Stakeholders" will be offered on **September 27, 2021**. "Writing Effective Survey Questions" will be offered on **September 28, 2021**. [Register here](#).

[NOAA Funding Opportunity to Understand Multi-Stressor Impacts on Marine Ecosystems](#) NOAA is soliciting proposals to increase our understanding of the combined impacts of multiple stressors, including harmful algal blooms, deoxygenation, ocean acidification, and increasing temperatures, on the function and health of marine ecosystems within the context of climate change. The deadline for letters of intent is **October 4, 2021**.

[NOAA Funding Opportunity for Integrated Research on Coastal and Ocean Acidification & Harmful Algal Blooms](#) NOAA's National Centers for Coastal and Ocean Science Competitive Research Program and Ocean Acidification Program are soliciting proposals to address the growing need to understand interactions between ocean acidification and harmful algal blooms and their cascading impacts to U.S. coastal and Great Lakes ecosystems, communities and economies. The deadline for letters of intent is **October 14, 2021**.

[NOAA's Office for Coastal Management Margaret A. Davidson Graduate Fellowship](#) The Margaret A. Davidson Graduate Fellowship is a two-year fellowship program that will place one graduate student at each of the 29 national estuarine research reserves. Through a research project, fellows address a key reserve management need to help scientists and communities understand coastal challenges that may influence future policy and management strategies. Applications are due by **December 10, 2021**.

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