

March 2021

Community Resilience from Start to Finish



For Sea Grant, resilience is more than a buzzword. As a network of 34 university-based programs, Sea Grant brings together experts in coastal processes, hazards, climate change, and urban planning to support cutting-edge research and outreach. Sea Grant is involved in every aspect of climate resilience planning and implementation, from start to finish. Tour some of Sea Grant's latest projects and on-going efforts to sustain diverse and vibrant coastal economies.

[Check out the interactive story map](#)

Sea Grant Partnership Seeks Research Proposals Focused on the Co-Existence of Ocean Energy with Northeast Fishing and Coastal Communities

The Northeast Sea Grant Consortium, in partnership with the U.S. Department of Energy's Wind Energy Technologies Office and Water Power Technologies Office, and NOAA's Northeast Fisheries Science Center, announces a research funding opportunity to improve understanding of offshore renewable energy interactions with fishing and coastal communities to optimize ocean co-use. Pre-proposals are due May 14, 2021.

[See details about this funding opportunity](#)



Sea Grant Facilitates External Research to Determine Abundance of Red Snapper

Sea Grant and its research partners announced two updates on efforts to better understand red snapper populations in U.S. coastal waters this month. These complementary projects, which are interdisciplinary and connected to multiple partners and stakeholders, are being conducted by external, university-based teams and administered by Sea Grant in the Gulf of Mexico and the Atlantic waters of the Southern U.S.



[Learn more about these research initiatives](#)

Sea Grant Resilience Feature: Restoring Wild Rice Populations

Manoomin (wild rice) was once an important source of food for the Ojibwe. However, increased levels of sulfates in waterways reduced the success of manoomin seedlings and left only sparse populations along the shores of Lake Superior. A Sea Grant collaborative effort between local tribes, government partners and university and community representatives integrates traditional knowledge and western science to raise awareness about the cultural and ecological importance of restoring local manoomin populations.



[Learn how this partnership supports community resilience](#)



Maine Sea Grant's Buoy Maine Competition Helps Launch Innovative Skincare Product

Buoy Maine fosters innovation and entrepreneurship to support Maine's working waterfront and coastal communities during the COVID-19 pandemic and beyond. Learn about the founders of one awardee from Buoy Maine's first pitch competition, Marin Skincare, and how they created their eczema-treating cream made with lobster glycoprotein.

[Read the profile](#)

Sea Grant Shares 2020 State of Sea Grant Biennial Report to Congress

The 2020 State of Sea Grant Biennial Report highlights the accomplishments of Sea Grant in 2019-2020, connecting research with extension and education, making advancements based on the best science emphasizing scientific integrity, relevance to coastal community needs, enhancements to education, and continuous improvement. The report shows that, like programs across the U.S. government, and governments around the world, the National Sea Grant College Program learned how to use its strengths to support its constituents throughout the COVID-19 pandemic.

[See the report](#)



Sea Grant Resilience Feature: Observing King Tides

King Tides are the highest tides of the year and observing them can help inform future climate policy. The Hawai'i Sea Grant King Tides Project is a community collaboration to monitor the effects of King Tides across Hawai'i and the Pacific Islands. Community members take photos of King Tide events around Hawai'i and Oceania and add them to a free, publicly accessible dataset. So far

over 2,400 photos have been collected.

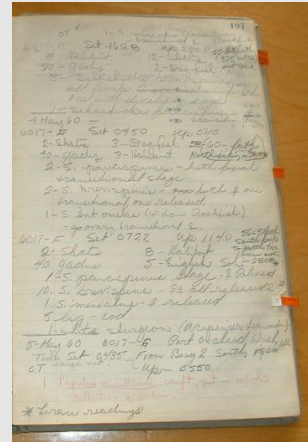
[Visit the project site](#)



Washington Sea Grant Study uses Vessel Logbooks to Reconstruct Historical Groundfish Populations

Unlike most major estuaries in the U.S., long-term monitoring of Puget Sound fish populations did not exist until 1990. Filling in this missing information is essential to establishing a baseline that would provide context for the current status of the marine ecosystem, and could guide policymakers in setting more realistic ecosystem-based management recovery targets. In a new study funded by Washington Sea Grant, researchers discovered an unconventional way to help fill in these gaps in data: using old vessel logbooks.

[Read about the study](#)



Celebrating the Women of Sea Grant During Women's History Month

Women of Sea Grant are scientists, communicators, educators, outreach specialists, lawyers, directors, students and fellows. They are from many different places and have many different faces, but they are all committed to supporting Sea Grant's coastal communities. Learn more about these amazing women in recent features:

[See some of the faces of #WomenofSeaGrant](#)

[Celebrate Women's History Month by Learning About Knauss Fellowship Alumnae](#)

Sea Grant Seeks Public Comment for its National Independent Review

The National Sea Grant College Program (Sea Grant) will be reviewed on May 3-7, 2021 by a team convened by the National Sea Grant Advisory Board (NSGAB). The review will consider all aspects of Sea Grant including management, stakeholder engagement and collaborative activities. This notice invites you to participate in our review by submitting your comments about Sea Grant via this [questionnaire](#). Kindly submit your comments at your earliest convenience--the comment period will end on **Thursday, April 22, 2021**. Thank you for assisting us by letting the review team hear from you!

Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, such as SERPPAS/DoD (Coastal Resilience) Liaison with Georgia Sea Grant, Marine Business Specialist with Virginia Sea Grant, and Research Program Manager with Michigan Sea Grant.

[Sea Grant American Lobster Research Program](#) This program will support research to address critical gaps in knowledge about how the American Lobster and its fishery are being impacted by environmental change. Applications are sought from research teams and encourage research partnerships between state agencies, academia, and/or industry stakeholders that address life-history parameters, including but not limited to impacts of ocean acidification; distribution and abundance, including but not limited to

ecosystem shifts; species interactions; and/or bait alternatives in the Gulf of Maine, Georges Bank, and/or southern New England. Application due date: **April 20, 2021**

[State Sea Grant Program Funding Opportunities](#) State Sea Grant Programs provide funding opportunities for a variety of topics within Sea Grant's strategic priorities. Programs are now opening requests for proposals. See [Sea Grant's state funding page](#) for more information and deadlines.

Connections and Partner Updates

[\(Webinar\) Strategies for Successful Research to Application Projects: A Case Study of the National Sea Grant College Program](#) In this webinar, hosted by NOAA's Science Seminar Series, join 2019 Louisiana Sea Grant Knauss Fellow Hollis Jones to learn about results from the recent publication Strategies for Successful Research to Application Projects, which uses the National Sea Grant College Program as a case study. Register for the webinar at the link above, which takes place **April 1, 2021, from 12-1p ET**.

[Public Input on Making Fisheries and Protected Resources More Resilient to Climate Change](#) NOAA has launched an agency-wide effort to gather initial public input on Section 216(c) of the Executive Order on Tackling the Climate Crisis at Home and Abroad. NOAA requests written input from interested parties on how best to achieve the objectives described in the Executive Order. Interested persons are invited to submit comments by email by **April 2, 2021** to OceanResources.Climate@noaa.gov.

[eeBLUE Aquaculture Literacy Mini-Grant Opportunity](#) NOAA and the North American Association for Environmental Education (NAAEE) are interested in forging lasting partnerships between environmental education providers, aquaculture industry experts, and NOAA to achieve greater impacts on several levels. This competitively-based funding opportunity aims to support such partnerships by funding the co-development of aquaculture education programs that are responsive to the goals of the Community of Practice for Aquaculture Literacy. Applications are due **April 2, 2021**.

[\(Webinar\) Community Engaged Internship for Undergraduate Students](#) Learn about this year's Community Engaged Internship for Undergraduate Students at this informational webinar. Please attend this webinar if you are: an intern supervisor, interested in being an intern supervisor in the future, and/or curious about how the program will work in 2021 and 2022 for the Sea Grant network. A new cohort of interns will start in June. Access the webinar at the link above, which takes place **April 7, 2021, at 4p ET**.

[Request for Proposals for the FY2021 National Coastal Resilience Fund](#) The National Fish and Wildlife Foundation, in partnership with NOAA, released a request for proposals for the FY2021 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 7 2021**.

[\(Webinar\) National Extension Climate Initiative Forum](#) Discover the current state of affairs and where climate change programming in extension is headed by joining "Climate Change in Extension: Elevating and Amplifying Action", a virtual national action forum **April 19-21, 2021**. There is no fee to participate and all are welcome. The National Sea Grant Office's Dr. Nikola Garber will be participating in a panel on April 19. Register for the forum at the link above.

[NOAA Small Business Innovation Research \(SBIR\) Program](#) NOAA's SBIR Program recently awarded approximately \$8 million in grants to 20 small business applicants in research topic areas including aquaculture, recreational and commercial fisheries, weather service improvement, flood inundation, and next-generation observation and modeling systems. The upcoming FY22 Phase I funding opportunity will be released in October 2021. Learn more at the link above.

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