

October 2021

Sea Grant Programs Receive NOAA Funding for Climate Science, Community Resilience



NOAA's Climate Program Office recently announced \$171 million in awards for new climate research. These awards include support for projects involving Sea Grant programs through the Regional Integrated Sciences and Assessments (RISA) program.

RISA is funding [five-year teams](#) that will build sustained relationships between decision-makers and researchers to support collaborative and equitable adaptation to climate risks. The teams include:

- Alaska Center for Climate Assessment and Policy, ACCAP (with involvement from **Alaska Sea Grant**),
- Carolinas Collaborative on Climate, Health, and Equity, C3HE (with involvement from **North Carolina Sea Grant**),
- The Northwest Climate Resilience Collaborative, NCRC (with involvement from **Washington Sea Grant**),
- Pacific Regional Integrated Sciences and Assessments, Pacific RISA (with involvement from **Hawai'i Sea Grant**), and
- Southern Climate Impacts Planning Program, SCIPP (with involvement from **Texas Sea Grant & Louisiana Sea Grant**).

For more information about RISA team portfolios, see the [webinar series](#) and [guidebook](#).

Additionally, RISA is funding a [1-year project](#) with **Florida, Georgia, Mississippi-Alabama and Puerto Rico Sea Grant programs** to launch [the Southeast and Caribbean Climate Alliance](#). The project will provide a better understanding of racial, socioeconomic, and structural disparities that could plausibly be linked to the health outcomes of climate change; and develop a shared vision and research framework required to promote health, equity, and estimate corresponding resource needs.

Happy National Seafood Month!

October is National Seafood Month, and all month long, Sea Grant programs shared Sea Grant's work in sustainable seafood and seafood recipes and preparation tips. Check out some of the recent highlights:

- [Sea Grant announces \\$2 million in support of 2021 American Lobster Initiative efforts](#)
- [Meet Great Lakes fishers with Wisconsin Sea Grant](#)
- [Texas Sea Grant supports oyster farmers with new site](#)
- [Washington Sea Grant shares grilled seafood recipes](#)
- [Learn about the seafood industry in Bayou La Batre with Mississippi-Alabama Sea Grant Consortium](#)
- [Make Bouillabaisse and more with Oregon Sea Grant seafood recipes](#)
- [North Carolina Sea Grant shares how to freeze fresh seafood](#)



2022 Knauss Executive Finalists Become Fellows!

The 51 executive fellows in the 2022 class of the Knauss Fellowship have secured placements for their fellowship year. The finalists were placed in offices across NOAA and other federal agencies during Sea Grant's virtual Placement Week. The now-fellows celebrated their placements by taking a group photo alongside the logos for their host offices.

[See the 2022 Knauss executive class placements](#)

Application Period for 2023 Knauss Marine Policy Fellowship now Open

It's not a trick! The application period for the 2023 Knauss Marine Policy Fellowship is now open. The year-long paid fellowship places graduate students and recent post-graduates in D.C.-based executive and legislative branch host offices to work on issues in ocean and Great Lakes management and research. Applications are due to Sea Grant programs by February 18, 2022.

[Learn how to apply](#)

[Find application preparation tips with #KnaussTips](#)

No Tricks... just treats.



Knauss fellowship application period now open!

bit.ly/knauss-fellowship



Application Period for 2022 NOAA Fisheries-Sea Grant Joint Fellowships Program now Open

The NMFS-Sea Grant Joint Fellowships Program in Population and Ecosystem Dynamics and Marine Resource Economics places Ph.D. students in research-based fellowships that provide support for up to three years. Applications are due to Sea Grant programs by January 27, 2022.

[See information on applying](#)

Hawai'i Sea Grant Launches Science by the Sea Seminars

Hawai'i Sea Grant is hosting a new, virtual seminar series, "Science by the SEA," on select Thursdays in November and December. Starting November 4, learn about ocean and coastal research being conducted in Hawai'i by Sea Grant Graduate Fellows and PI-CASC Graduate Scholars.

[Register for Science by the SEA](#)



Illinois-Indiana Sea Grant Faculty Scholars Experiment with Sustainable Concrete Solutions

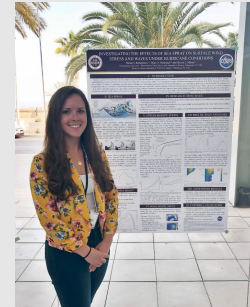
Two Illinois-Indiana Sea Grant faculty scholars explored different ideas that might help make concrete more environmentally friendly. Both projects looked at sources for replacing aggregate, the material frequently placed under concrete to clean and store water. Aggregate is becoming a scarce resource in many cities and needs to be hauled from longer distances, increasing the cost and the carbon footprint.

[Learn more about this research](#)

Wondering "weather" to apply to the Knauss Fellowship?

On the Knauss Blog this month, Florida Sea Grant Knauss Fellow Renee Richardson shares how meteorology relates to management of coastal resources, and how the fellowship provides invaluable opportunities for all with coastal policy interests.

[Read the Knauss Blog](#)



Join Sea Grant at CERF 2021 professional development workshops

This November, join Sea Grant for two virtual, professional development workshops at the CERF 2021 conference:

- (Nov. 3) Stories of Science: Blending Complementary Ways of Knowing Enhances Results, features representatives from across the Sea Grant Network and Tribal and community partners to showcase ways to respectfully interweave traditional and local knowledge into research, outreach and education.
- (Nov. 8) Job & Fellowship Application Development for Early Career Professionals, hosted by Sea Grant's National Fellowships Manager, Maddie Kennedy, features representatives from the National Sea Grant College Program, NOAA Digital Coast, and other educational partners to share guidance on crafting a competitive application package. This workshop is free for the first 30 registrants!

[Sign up for these and other workshops](#)



A Look Back at Sea Grant's Work in 2020...

In 2020, a federal investment in Sea Grant of \$87 million resulted in \$519.5 million in economic benefit. Sea Grant restored or protected 4,219,094 acres of habitat, provided 1,335 resilience trainings to communities, and supported 2,027 undergraduate and graduate students. Learn more about the impact of Sea Grant's work in 2020



Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, such as Director of Oregon Sea Grant, Coordinator for the Coastal Neighbors Technical Assistance Program with New Hampshire Sea Grant, and Communications Program Manager with California Sea Grant.

[Aquaculture Research Funding Opportunities](#) Sea Grant has two open federal funding opportunities to advance U.S. aquaculture. Notices of intent to submit for Marine Finfish Aquaculture: Juvenile Production Technologies are due **November 9, 2021**. Notices of intent to submit for Early Stage Propagation Strategies for Aquaculture Species are due **November 16, 2021**.

[California Sea Grant Delta Independent Science Board Postdoctoral Scholars](#) The Delta Independent Science Board (Delta ISB) and California Sea Grant are seeking two postdoctoral scholars to support the Delta ISB with its legislative mandate to provide oversight of the scientific research, monitoring, and assessment programs that support adaptive management of Sacramento-San Joaquin Delta. Applications will be reviewed starting on **November 29, 2021**, and will remain open until filled.

[South Atlantic Red Snapper Program Funding Opportunity](#) The South Carolina Sea Grant Consortium is seeking proposals that expand the current South Atlantic Red Snapper Research Program Project 1 to augment the data that will be used for management advice of Red Snapper in the South Atlantic. Proposals are welcomed from institutions of higher education and the proposal Principal Investigator(s) must be based within a Southeast U.S. state (NC, SC, GA, FL). Letters of intent are due by 5p ET on **November 30, 2021**.

[PLACE: SLR Fellowship](#) The Program for Local Adaptation to Climate Effects: Sea Level Rise (PLACE: SLR) seeks a fellow to work on-the-ground at the intersection of climate, flooding, health, and socioeconomic vulnerability, helping to understand and address gaps and needs for improved community resilience. The one-year fellowships begins January 1, 2022 and is open until filled.

Connections and Partner Updates

[NOAA Environmental Literacy Program Funding Opportunity](#) The NOAA Office of Education has issued a competitive funding opportunity for projects that develop the collective environmental literacy necessary for communities to take actions that build resilience to extreme weather and climate change in ways that contribute to community health, social cohesion, and socio-economic equity. More information is available at the link above. For Priority 1, the deadline for pre-applications is 11:59 pm ET on **November 1, 2021**. For Priority 2, pre-applications are not required and the deadline for full applications is 11:59 pm ET on **January 25, 2022**.

[NOAA Public Comment Period on "America the Beautiful" Initiative](#) NOAA is currently seeking public comment to inform its actions to advance the goals and recommendations in the report on conserving and restoring America the Beautiful, including conserving at least 30 percent of U.S. lands and waters by 2030. Instructions on how to submit a comment, as well as the specific topics on which NOAA is seeking input, and information on how to join two virtual public listening sessions on **November 8** and **November 16**, [are available here](#).

[NOAA Ocean Exploration Education Mini-Grants](#) NOAA Ocean Exploration in cooperation with the National Marine Sanctuary Foundation are accepting proposals for small grants intended to support Diversity, Equity, Inclusion and Accessibility efforts that advance ocean literacy, stewardship, and workforce development related to ocean exploration. The deadline to submit proposals is **November 15, 2021**.

[NOAA Western Region Student Photo Contest](#) The NOAA Western Region has launched the "Picture Climate Change" student photo contest and is looking for images that showcase climate change in the western United States. Students in grades 5 through 12 may submit entries through **November 15, 2021**.

[EPA Health and Climate Change/Environmental Justice Funding Opportunity](#) The U.S. Environmental

Protection Agency (EPA), as part of its Science to Achieve Results program, is seeking applications proposing transdisciplinary research to analyze environmental problems at the intersection of climate change, environmental justice, and vulnerable populations and lifestyles. For information on eligibility, project specifications, or how to apply, [click here](#). Applications are due by **November 16, 2021**.

[US Harbors Rising with the Tide Webinar](#) US Harbors is hosting a free conference to help coastal communities and their citizens understand and prepare for changes in coastal water levels, including king tides, storm surges, and sea level rise. Experts will be speaking on these key aspects of rising coastal water levels, including Mississippi-Alabama Sea Grant Consortium's Renee Collini. The event takes place 1-4p ET on **November 17, 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 places 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**.

[NOAA Dr. Nancy Foster Scholarship Program](#) The NOAA Office of National Marine Sanctuaries is seeking applications for the Dr. Nancy Foster Scholarship Program from individuals, particularly women and minorities, who due to financial constraints, may not otherwise be able to pursue an advanced degree (Masters or Ph.D.) in oceanography, marine biology, and maritime archaeology. The deadline for applications is 11:59p ET on **December 14, 2021**.

[NIHHIS Urban Heat Island Mapping Campaign](#) The National Integrated Heat Health Information System (NIHHIS) and CAPA Strategies are now accepting applications from organizations interested in participating in the 2022 Urban Heat Island mapping campaigns. Interested cities should apply by 5p ET on **January 14, 2022**.

[NOAA Coastal Management and Digital Coast Fellowships](#) NOAA's Coastal Management and Digital Coast Fellowships offer postgraduate students on-the-job education and training opportunities in coastal resource management and policy. The application deadline for fellows to apply is **January 21, 2022**, and nominations from Sea Grant are due **February 18, 2022**.

The National Academies of
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OCEAN DECADE U.S.
U.S. National Committee for the Decade of
Ocean Science for Sustainable Development



[UN Ocean Decade October 2021 Update](#)

In October 2021, the [UN Ocean Decade endorsed ninety-four new Decade Actions](#) and issued [Call for Decade Actions No. 02/2021](#), the

second of the series that will focus on Decade programs that address priority issues including marine pollution, multiple stressors on marine ecosystems, or the ocean-climate nexus. Explore all of the endorsed Ocean Decade Actions by visiting oceandecade.org/decade-actions. On November 12, 2021, Ocean Decade U.S. invites national stakeholders to the [Ocean Decade U.S. Fall Meeting 2021](#). During the virtual session, the U.S. National Committee for the Ocean Decade will present cross-cutting themes for U.S. Contributions to the Decade based on the submissions to the call for [Ocean-Shots](#). Drafts of the themes will be announced in early November on the [Ocean Decade U.S. website](#) and made available for public comment.

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