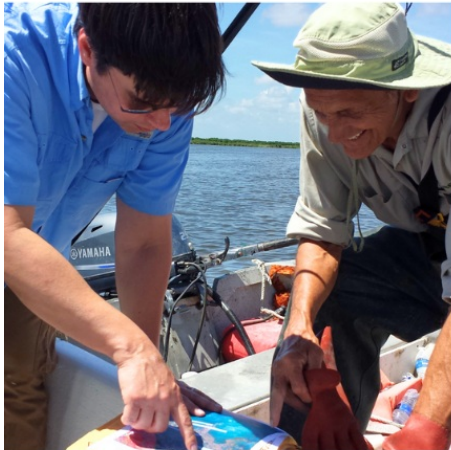


March 2023

2022 NOAA Science Report Features Sea Grant Tribal Collaborations for Adaptation Planning



The 2022 NOAA Science Report shares over 60 stories about research and development accomplishments across NOAA's mission, including collaborative projects led by Louisiana Sea Grant, Washington Sea Grant and their tribal partners. Louisiana Sea Grant's partnership with the Pointe-au-Chien Indian Tribe on a map-based decision support tool is advancing short and long-term resilience planning to the impacts of climate change in coastal Louisiana with the Tribe's priorities in mind. In Washington state, a NOAA supported collaboration brought together Olympic Coast Treaty Tribes, Washington Sea Grant, scientists and coastal managers to better prepare for ocean change and support tribal community well-being.

[Read more about the efforts to support local adaptation planning](#)

On Monday, April 3, join NOAA Chief Scientist, Dr. Sarah Kapnick, and a panel of scientists, including Louisiana Sea Grant's Dr. Matthew Bethel, to learn more about the impacts of NOAA's research and development.

[Register for the webinar](#)

Sea Grant 2023 American Lobster Research Program Funding Opportunity now Open

Sea Grant announced a new funding opportunity for collaborative projects that address priority research needs to enhance our understanding of and address impacts to the American lobster fishery in the Gulf of Maine, Georges Bank, and southern New England. The program seeks applications from research teams that address American lobster population dynamics, life history parameters, species interactions and behavior, and/or social, behavioral, or economic research, including analyses regarding measures under consideration for inclusion in the Atlantic Large Whale Take Reduction Plan. Applications must be submitted to Grants.gov by 11:59 p.m. ET, May 10, 2023.



[Learn more about the funding opportunity](#)



North Carolina Sea Grant Supports Redevelopment in Underserved Neighborhood

After Hurricane Florence flooded an African American neighborhood with a long history of strength after adversity, a team of community leaders, researchers, and students has been working to restore housing and preserve community history. With the support of North Carolina Sea Grant, Duffyfield in New Bern, NC is visualizing a more resilient community center and affordable housing.

[Continue reading about the work in Duffyfield](#)

Virginia Sea Grant's Chefs' Seafood Symposium Feeds Culinary Minds

There's always something good cooking at Virginia Sea Grant's annual Chefs' Seafood Symposium. The program, which took place in March, shared the latest seafood science and cooking techniques with over 100 culinary professionals, students, and representatives of related culinary industries. This year's cooking demonstration featured Blue Catfish, a nonnative species introduced to rivers in the Chesapeake Bay watershed.

[Learn more about the 30th Chefs' Seafood Symposium](#)



Hawai'i Sea Grant Launches Cesspool Conversion Tool for Homeowners, Policymakers

Upgrading Hawai'i's cesspools to modern and effective forms of wastewater treatment is a critical priority for the state. Now, thanks to a user-friendly webpage supported in part by Hawai'i Sea Grant, homeowners and policymakers can access resources to address the critical issues surrounding Hawai'i's estimated 83,000 cesspools, including the Hawai'i Cesspool Prioritization Tool, which will be used to plan for the conversion of cesspools and in the distribution of funding assistance to homeowners.

[See the Hawai'i Cesspool Prioritization Tool](#)

Restoring Piping Plover Habitat in Wisconsin

In a blog from Wisconsin Sea Grant, Science Communicator Marie Zhuikov shares her experience visiting a bird sanctuary on Wisconsin Point and recounts local efforts to protect and restore the endangered piping plovers shorebirds. Wisconsin Sea Grant has played an integral role in habitat restoration for the state, which led to piping plovers successfully nesting on Cat Island in Green Bay for the first time in 75 years.

[Read about restoration efforts for Wisconsin's piping plovers](#)



Mississippi-Alabama Sea Grant Finds FORTIFIED Building Increases Property Value

A study supported by Mississippi-Alabama Sea Grant Consortium found that FORTIFIED-strengthened buildings in Mississippi and Alabama coastal communities were associated with a 2-4% rise in property value. FORTIFIED building principles include a sealed roof deck and impact-resistant shingles, gable bracing, anchored porches and carports, continuous load paths, and anchored chimneys. The team developed a

decision tool for homeowners to see if the investment is right for them.



[See the FORTIFIED decision tool](#)

Attend the Inaugural Sea Grant Blue Carbon Law Symposium

The first Sea Grant Blue Carbon Law Symposium will convene legal scholars, ESG investors, conservation finance and carbon registry specialists, coastal and marine decision-makers, and scientists to co-create a whole-field understanding of the role and opportunity for coastal blue carbon investment. The symposium will take place in Athens, Georgia, May 17-18, 2023.



[Find registration info for the Sea Grant Blue Carbon Law Symposium](#)



Connecticut and New York Sea Grant Fund Research to Support Long Island Sound

Nine projects were recently funded by Connecticut and New York Sea Grant programs to gather information that can be used to improve the conditions in the Long Island Sound for humans and wildlife. Additional support is provided by the U.S. Environmental Protection Agency's Long Island Sound Study Research Grant Program. Cumulatively, this represents the largest research investment in the Sound, which has been designated an estuary of national significance and one of the most valuable natural resources for both states.

[See the funded projects](#)

Join Sea Grant at CERF 2023 Conference

Sea Grant will be leading a number of sessions during the CERF 2023 Biennial Conference, "Resilience and Recovery", in Portland, Oregon in November 2023. We invite submissions of abstracts for oral or poster presentations now through **May 10, 2023**. Sea Grant-led sessions include:

- Artistic pathways to scientific understanding
- Building resilience in communities, programs, and the workforce through inclusion
- Case studies on inclusive opportunities
- Community engagement initiatives for increased coastal resilience
- Growing a diverse estuarine research and management workforce, and
- Weaving traditional ecological knowledge (TEK) and coastal science for management application.



[Learn more about CERF and the 2023 conference](#)

**In Pictures:
March 2023**



Taught by Oregon Sea Grant, kids learn about tide pools, squid, sand and more during Oregon Sea Grant's annual spring [Homeschool Day](#) at the Hatfield Marine Science Center in Newport, OR on March 24, 2023. Photos by Trav Williams of Broken Banjo Photography.



Call for Knauss Fellowship Application Reviewers

The National Sea Grant Office is in the process of convening the [Sea Grant Knauss Fellowship](#) selection panel for the 2024 class of Sea Grant Knauss fellows.

In an effort to provide the most equitable review process possible, we are looking for a large number of reviewers to support the application review. If you know of someone who would be a good reviewer, please pass this notification along to help us create a representative and diverse group for paper reviews.

For those interested in serving as a paper reviewer, please reachout to the Fellowships Team at oar.sg.fellows@noaa.gov and include *Knauss Reviewer Interest* in the subject line.

Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, such as Fund Manager with California Sea Grant, Postdoctoral Associate in Aquaculture Research and Extension with New Hampshire Sea Grant and Summer Communications Intern with Woods Hole Sea Grant.

[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 [our state funding page](#) for information on the program in your state.

[California Sea Grant Delta Science Communication Fellowship](#) This fellowship provides a unique educational opportunity for an early career science communicator to gain hands-on experience in coastal, estuarine, and freshwater science communication and stakeholder engagement. Applications may be submitted by a recent graduate or current student close to completing a degree in a field related to science communication, journalism, or science, at a U.S. university by **April 3, 2023**.

[Sea Grant American Lobster Research Program 2023](#) This program will support collaborative projects that address priority research needs to enhance our understanding of and address impacts to the American lobster fishery. Eligible applicants are any individual; any public or private corporation, partnership, or other association or entity; or any State, political subdivision of a State, Tribal government or agency or officer thereof. Applications due to Grants.gov by 11:59 p.m. ET, **May 10, 2023**.

Connections and Partner Updates

[NOAA SBIR Program Request for Reviewers](#) The [NOAA Small Business Innovation Research \(SBIR\)](#) Program is searching for proposal reviewers! SBIR grants provide early-stage funding to U.S. small businesses working on high-risk, high-reward research and development of new technologies. Proposal review for this year's competition will begin in April– learn more about this opportunity [here](#). If you have

relevant scientific, technical, or business expertise, fill out this [reviewer interest form](#) and help NOAA drive innovation!

[2023 National Coastal Resilience Fund Request for Proposals](#) The National Fish and Wildlife Foundation will award up to \$140 million in grants to create and restore natural systems in order to increase protection for communities from coastal hazards, such as storms, sea- and lake-level changes, inundation, and coastal erosion, while improving habitats for fish and wildlife species. NFWF prioritizes projects that are community-led or incorporate direct community engagement and benefit underserved communities facing disproportionate harm from climate impacts. Pre-proposals must be submitted no later than **April 12, 2023**.

[CERF 2023-2024 Rising TIDES Program](#) CERF announces the 2023-2024 Rising TIDES (Toward an Inclusive, Diverse, and Enriched Society) Program which supports students from underrepresented backgrounds in coastal and estuarine disciplines, with the goal of inspiring and motivating them to pursue careers in coastal and estuarine science and management. The 16-month program provides funding to cover all costs to attend CERF 2023, a regional CERF Affiliate Society meeting, and the 2024 Restore America's Estuaries Summit, and more. The deadline to submit an application is **April 26, 2023**.

[2023 Environmental Justice Thriving Communities Grantmaking Program Request for Applications](#) Approximately \$550 million is available to select approximately 11 eligible entities to become Grantmakers. Grantmakers will design competitive application and submission processes, award environmental justice subgrants, implement a tracking and reporting system, provide resources and support to communities, all in collaboration with EPA's Office of Environmental Justice and External Civil Rights. Applications packages must be submitted before **May 31, 2023**.

[Input Requested for Updated Climate Literacy Guide](#) The United States Global Change Research Program (USGCRP) requests input from the public to guide an update of the 2009 "Climate Literacy: Essential Principles of Climate Science". This request for information will inform USGCRP as it updates the Guide to include current climate and social science, and a focus on justice and capacity to implement solutions. Comments should be submitted by **May 31, 2023**.

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