

November/December 2022

Take a Look at Sea Grant's Best from 2022!



The annual #BestofSeaGrant campaign highlights some of Sea Grant's coolest stories and most impactful work from the year. Check out a few of our most memorable moments:

- This July, **Guam Sea Grant** achieved status as a [Sea Grant Institutional Program](#). Since then, Guam Sea Grant has been able to increase contributions to the Sea Grant network and enhance the practical use and conservation of Guam's marine and coastal resources.
- Through the [Faces of Resiliency video series](#), **Georgia Sea Grant** explored how communities that are on the front lines of sea level rise, storm surge and flooding are responding to these challenges by identifying solutions that protect infrastructure and coastal habitats.
- The **Northeast Sea Grant Consortium**, in partnership with NOAA and DOE, funded six projects to advance social science and technology [research on offshore renewable energy](#) in the Northeast United States.
- **Wisconsin Sea Grant** launched [The Water We Swim In](#), a new podcast series on water equity in the Great Lakes, featuring inspiring stories from the community organizers, researchers and leaders navigating Wisconsin's waters.
- **New Hampshire Sea Grant** helped [raise awareness about invasive green crabs](#) and the developing fishery and local businesses that are tackling the problem.
- At Sea Grant Week in September, **Lake Champlain Sea Grant** was awarded the [Sea Grant Association Research-to-Application Award](#) for research on an innovative wastewater treatment method, which not only found that the method was successful but also inspired further investment, **South Carolina Sea Grant Consortium** was awarded the [Superior Outreach Programming Award](#) for a continuing education series that teaches real estate professionals how to educate their clients about best practices for living in a coastal environment, and **Washington Sea Grant** was awarded the [Excellence in Communication Award](#) for their 50th anniversary

See more memorable moments on Sea Grant's [Facebook](#), [Instagram](#), and [Twitter](#)!

Sea Grant Announces \$1.2 Million in Support of 2022 American Lobster Research Program

In November, Sea Grant announced \$1.2 million in support of Sea Grant's American Lobster Research Program to continue addressing emergent needs and priorities associated with this important fishery. Pursuant to congressional direction, this year's funded projects shift focus on operational needs, specifically related to gear technology implementation, research and adoption.

[Learn about the two selected research projects](#)



Sea Grant Advances Investigation of Contaminants of Emerging Concern

In December, Sea Grant announced newly funded projects that aim to enhance research and monitoring efforts for contaminants of emerging concern, like pharmaceuticals, cleaning products and microfibers, while strengthening strategies to reduce their presence in aquatic environments. Sea Grant's work in contaminants of emerging concern is supported in part by congressional direction and appropriations from fiscal years 2022 and 2021.

[Read about the projects lead by Illinois-Indiana Sea Grant and the South Carolina Sea Grant Consortium](#)

Sea Grant Graduate Fellowship Opportunities Now Open

Calling all graduate students! Application periods for Sea Grant's national graduate fellowships are now open.

Applications for the [NMFS-Sea Grant Population and Ecosystem Dynamics](#) and [Marine Resource Economics Fellowships](#) are due to state Sea Grant programs by **January 25, 2023**.

Applications for the [Knauss Marine Policy Fellowship](#) are due to state Sea Grant programs by **February 16, 2023**.

Application resources are available at the links above. Applicants are strongly encouraged to reach out to the Sea Grant program in their state one to two months prior to the deadline to receive application support.



Knauss Fellows Share Their Experiences

How did Michelle Nguyen, an invertebrate physiologist by training, end up at a satellite launch? Nguyen shares her Knauss Fellowship journey and what she's learned about federal budget formulation on [the Knauss Blog](#).

What's the best part of Madyson Miller's fellowship position with the NOAA Coral Reef Conservation Program? Find out from her [Takeover Tuesday posts](#) on Sea Grant's social media.



Destination: Antarctica. Ally Kristan's [video blog](#) shares her experience with the National Science Foundation's Office of Polar Programs, where she is learning about international policy firsthand and how it protects the wildlife she's passionately researched for years.

Farewell to Retiring Sea Grant Directors

As the year winds down, we wish fair winds and following seas to two Sea Grant program directors who are retiring, [Dr. Linda Duguay](#) from USC Sea Grant and [Dr. Tom Johengen](#) from Michigan Sea Grant. Duguay is the longest-serving female Sea Grant Director within the National Sea Grant College Program, serving for 23 years. Johengen has served the Great Lakes community for 31 years, in research leadership positions and as a research scientist.



Solicitation of 2023 Sea Grant Federal Advisory Board Nominees

The National Sea Grant Office is currently accepting nominations for the [National Sea Grant Advisory Board](#). To be considered, please submit the name of the nominee, a CV, resume or detailed bio, and their area of expertise. The current needs include expertise in federal, state and/or local government, fisheries management, water resource management, social and behavioral sciences, climate, weather and/or meteorology, engineering, and risk management. We are also looking for regional expertise in the insular Pacific and U.S. Caribbean and continue to have a gap in private sector representation.

While nominations are always accepted, to be considered for current openings, please submit your nomination no later than **January 31, 2023**. Please submit candidate nominations to Susan Holmes via email: oar.sg-feedback@noaa.gov.

NSGO Staff Recognized by NOAA

National Sea Grant Office staff were recently recognized by NOAA for their contributions. **Maddie Kennedy**, National Fellowships Manager, received a 2022 NOAA Administrator's Award "for modernizing the NOAA Sea Grant Knauss Marine Policy Fellowship in the face of the pandemic, a protracted federal shutdown and other challenges." **Tatiana Sims-Parker**, acting Deputy Director, received a 2022 Bronze Medal in Organizational Development "for outstanding contributions to improve leadership development by opening the virtual NOAA Leadership Seminar to all NOAA Federal employees." **Kelly Samek**, Legal & Gulf Regional Lead, received a 2022 National Ocean Service Peer Rafting Award "for superior support in the creation of a new funding opportunity that will advance the ability of underrepresented coastal communities to prepare for and recover from disasters." Congratulations to all!



In Pictures: December 2022

Check out scenes from Sea Grant's Food for Thought workshop during Restore America's Estuaries' Coastal & Estuarine Summit in New Orleans, Louisiana.



Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, such as Aquaculture Research & Outreach Specialist with California Sea Grant, Resilience Extension Associate with Minnesota Sea Grant, Coastal Water Resources Extension Educator with Oregon Sea Grant and Resilience and Adaptation Specialist with Washington 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.

[NMFS- Sea Grant Joint Fellowship Program](#) The NMFS-Sea Grant Joint Fellowship 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 25, 2023**.

[2023 NOAA Coastal Management Fellowship Program](#) NOAA is recruiting candidates for the 2023 Coastal Management Fellowship Program. This program's mission is to provide on-the-job education and training opportunities in coastal resource management and policy for postgraduate students and to provide project assistance to state coastal zone management agencies. Application packages must be submitted to the Sea Grant office in the state where you received your degree by **January 27, 2023**.

[Knauss Marine Policy Fellowship Program](#) The Sea Grant Knauss Fellowship provides a unique educational and professional experience to graduate students who have an interest in ocean, coastal and Great Lakes resources and in the national policy decisions affecting those resources. Applications must be submitted to state Sea Grant programs by **February 16, 2023**.

Connections and Partner Updates

[2022 Status of U.S. Marine and Great Lakes Ecosystems Released](#) NOAA has released its 2022 update of the National Marine Ecosystem Status website, which provides easy access to NOAA's wide range of important coastal and marine ecosystem data. The website has been newly expanded to the Great Lakes in 2022. [Learn more here](#).

[2022 National Coastal Resilience Fund Recipients](#) NOAA and the National Fish and Wildlife Foundation are pleased to announce the grant recipients for the 2022 National Coastal Resilience Fund. The initiative advances regionally identified priorities and innovative approaches, and will invest \$136 million in 88 projects designed to strengthen the natural infrastructure that protects coastal communities and enhances fish and wildlife habitat in 29 states and territories. [Learn more here](#).

[NOAA CoastWatch Satellite course](#) The NOAA CoastWatch team is pleased to announce an upcoming satellite training course for Sea Grant and their partners. During this virtual course participants will learn about different satellite products, how to access them, download them and use them for a variety of purposes. This virtual course will occur on Wednesdays beginning January 18 and ending on February 15, 2023. For more information about the course, schedule and registration please [visit this link](#).

[2023 NOAA B-WET Grant Competitions](#) The NOAA Bay Watershed Education and Training (B-WET) program has grant competitions open now. The B-WET program is an environmental education grant program that promotes place-based experiential learning for K-12 students and related professional development for teachers. This year's competitions feature an emphasis on climate change education. [More details and deadlines here](#).

[Applications Open for William M. Lapenta NOAA Student Internship Program](#) The Lapenta Internship is open to students who have just completed their sophomore year through advanced doctoral degrees. The program provides a stipend of \$6,000 per year, travel to/from the host site and housing. This internship program enables NOAA's National Weather Service, Office of Oceanic and Atmospheric Research, National Environmental Satellite Data and Information Service, National Marine Fisheries Service, National Ocean Service and Office of Marine and Aviation Operations to develop the skills needed in their future workforce. Deadline for applications is **January 5, 2023**.

[2023 NOAA Small Business Innovation Research Funding Opportunity](#) NOAA invites qualified small businesses to submit proposals for research and development of highly innovative technologies that have strong commercial potential and fit within the NOAA mission areas. To be eligible to submit a Phase I application, small businesses must submit a required Letter of Intent [via this form](#) by **January 13, 2023**.

[Art x Climate Call for Artists](#) The U.S. Global Change Research Program invites artists to engage in the development of the Fifth National Climate Assessment by creatively visualizing climate change in the United States: its causes, impacts, and manifestations; our shared vulnerabilities; and the strength of our collective response. Selected art submissions will be featured in the Fifth National Climate Assessment as

chapter covers and within the chapters. Artists who wish to submit their works must do so by **January 27, 2023**.

[Applications Open for NOAA Office of Education 2023 Undergraduate Scholarships](#) Applications are open for both NOAA's Ernest F. Hollings and José E. Serrano EPP/MSI undergraduate scholarships. Program awards provide academic assistance and paid internships with NOAA. [More details here](#). The application portal for both closes on **January 31, 2023**.

[Gulf Ecosystem Initiative Call for Proposals](#) The Gulf Ecosystem Initiative is a partnership between the National Center for Ecological Analysis and Synthesis and the NOAA RESTORE Science program to fund synthesis science and postdoctoral research. Working groups of scientists and decision makers will collaborate to solve pressing questions across the Gulf of Mexico. Applications are due **January 31, 2023**.

[U.S. DOT Announces Funding Opportunity for Culvert Removal, Replacement and Restoration](#) The U.S. Department of Transportation's Federal Highway Administration has opened applications for the FY2022 Notice of Funding Opportunity for the National Culvert Removal, Replacement and Restoration Grant Program (Culvert Aquatic Organism Passage Program). This annual competitive grant program awards grants to eligible entities for projects that replace, remove and repair culverts or weirs to meaningfully improve or restore fish passage for anadromous fish. Deadline for applications is **February 6, 2023**.

[Picture Climate Change Photo Contest](#) NOAA has launched the "Picture Climate Change" student photo contest and is looking for images showing climate change in the United States. This photo contest is a chance for students to showcase their climate change experience through the lens of a camera, and to provide a short written narrative. [Details available here](#). Submissions due **February 15, 2023**.

[Framing the National Nature Assessment](#) A Federal Register notice was released announcing a request to submit comments to inform the framing, development, and use of the National Nature Assessment. USGCRP is seeking input from the public on the definition of nature, what questions the assessment can help answer, potential audiences and engagement processes, trends and projections, and relevant information sources. The call for information will be open through **March 31, 2023**.



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