

September 2022

Sea Grant Announces \$14 Million in Investments to Strengthen U.S. Aquaculture



Sea Grant announced approximately \$14 million in federal funding across four strategic areas for improving U.S. aquaculture. The competitively selected projects will advance early stage propagation strategies for various aquaculture species, marine finfish juvenile production technologies, aquaculture collaboratives and establishment of an aquaculture information exchange. Awards were made to Sea Grant programs in Connecticut, California, Florida, Hawai'i, Maine, Maryland, Massachusetts, Minnesota, New Jersey, New York, North Carolina, Oregon, Virginia and Washington. The investments are consistent with Sea Grant's focus area of Sustainable Fisheries and Aquaculture (SFA) and the Sea Grant Network's 10-year Aquaculture Vision.

[Read about the funded projects](#)

Steve Thur, Ph.D., Named Director of NOAA Research

Steve Thur, Ph.D., has been appointed by U.S. Secretary of Commerce Gina M. Raimondo as the assistant administrator for Oceanic and Atmospheric Research (NOAA Research). NOAA Research houses the National Sea Grant College Program. Dr. Thur comes to NOAA Research after serving nearly 20 years within NOAA's National Ocean Service, including the last five years as Director of the National Centers for Coastal Ocean Science. Dr. Thur will begin his appointment in early October.

[Learn more about the next Assistant Administrator for NOAA Research](#)



Sea Grant Offers Recovery Resources During National Preparedness Month



National Preparedness Month is recognized each September to promote family and community disaster planning now and throughout the year. Our thoughts are with those impacted by recent disasters like Hurricanes Fiona and Ian. Sea Grant's [Coastal Hazard Preparedness site](#) and [Homeowner's and Resident's Handbooks](#) share state-specific information on natural hazards, tips to mitigate risks and recovery resources for after coastal hazards strike.

Alaska Sea Grant Joins EDA-Funded Effort to Boost State Mariculture Industry

The U.S. Department of Commerce's Economic Development Administration (EDA) recently committed \$49 million to grow Alaska's mariculture industry. The award is one of 21 nationally chosen from more than 500 applications. The funding will support Alaska Mariculture Cluster coalition members, including Alaska Sea Grant, in accelerating development of a viable and sustainable mariculture industry in the state through research, training and economic support.

[Learn more about the effort](#)



Whether it's bringing marine mammal specimens to classrooms, advancing NOAA's mission at science fairs, organizing coastal clean-ups, or otherwise connecting NOAA to communities, NOAA Ambassadors motivate kids and adults to see the world through a fresh lens. Reaching deep into communities and tapping the rich expertise of employees, affiliates, partners, and retirees, NOAA Ambassadors engage people of all ages, inspiring and spurring actions to support a safe and healthy world and empowering others to do the same. With a supervisor's sign-off and a packed NOAA toolbox, you, too, can join the action.

Woods Hole Sea Grant Educator Recognized as NOAA Ambassador

NOAA Ambassadors, like Woods Hole Sea Grant educator Grace Simpkins, connect NOAA to communities and motivate kids and adults to see the world through a fresh lens. Simpkins was recently featured in a NOAA Postcard From the Field.

NOAA employees can learn how to become a NOAA Ambassador at [this internal website](#). For further information about the NOAA Ambassadors Program, please contact NOAA.Ambassadors@noaa.gov.

Louisiana Sea Grant-Funded Research Makes Ocean Acidification Discovery

Blue crabs are finding new ways to adapt to their changing environment. The Louisiana Space and Sea Grant Opportunity (LaSSO) program funded undergraduate research which discovered that blue crab shells got harder faster when seawater was more acidic. A peer-reviewed article about the findings was recently published in the Society of Environmental Toxicology and Chemistry's journal *Environmental Toxicology and Chemistry*.

[Read about this surprising discovery](#)



Three Artists Chosen for Connecticut Sea Grant Arts Awards

Three artists using different mediums and techniques to raise awareness about coastal assets and concerns have been chosen for 2022 Connecticut Sea Grant Arts Support Awards, more than any year since the program began in 2010. sTo Len will record "sonic maps" of New Haven-area waterways, Bonnie Rose Sullivan will write and



illustrate a children's picture book titled "Rory and Mo Are Ocean Farmers!", and Marsha Borden will use textiles to fashion depictions of types of microalgae that can occur in Long Island Sound.

[Learn more about the awards](#)

New Hampshire Sea Grant Helps Educate About Green Crab Invasion

New Hampshire Sea Grant Fisheries Extension Specialist Dr. Gabriela Bradt works to [raise awareness about invasive green crabs](#) along the New England coast. She has also been instrumental in sharing science-based techniques with prospective harvesters as the green crab fishery develops and market demand grows. See this extension work and a local business come together in recent features on "Crab Trapper", a whiskey flavored in part by green crabs.



[See the article from NPR](#)
[Watch the video from Business Insider](#)



In Pictures: September 2022

Sea Grant made a splash in Cleveland! See highlight's from Sea Grant Week 2022, which was hosted by Ohio Sea Grant this month.



Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, such as Science Writer and Public Information Officer with Alaska Sea Grant, Coastal Tourism Specialist with Georgia Sea Grant, Great Lakes Tourism Economics Specialist with New York Sea Grant and Field Instructor with New Jersey Sea Grant Consortium.

Connections and Partner Updates

[Get Into Your Sanctuary Celebration](#) In celebration of the 50th anniversary of the National Marine

Sanctuary System, NOAA National Marine Sanctuary are hosting a variety of in-person and virtual Get Into Your Sanctuary events, stewardship opportunities and activities, throughout the country. [Check out October's activities here.](#)

[Alliances for Inclusive Resilience Virtual Series](#) The Resilient Nation Partnership Network will host the 7th Annual Forum on "Alliances for Inclusive Resilience" throughout October. The 2022 virtual series will take place every Wednesday from 1 to 3 pm ET and will convene more than 30 thought leaders across resilience, equity, climate and more. [Register here.](#)

[EPA Senior Innovation Officer Career Opportunity](#) The U.S. Environmental Protection Agency is hiring for a Senior Level position to lead a cross-Agency innovation program that leverages innovation principles and programs to advance research as well as Agency programs and projects that address Agency priorities. Applications are due by **October 11, 2022.** [More details here.](#)

[Join the Ocean Exploration Advisory Board](#) NOAA is soliciting nominations for Indigenous, Tribal, Native American, Alaska Native, or Native Hawaiian stakeholders from the Alaska or Pacific Ocean basin regions to join the Ocean Exploration Advisory Board. Applications should be submitted via email to Joanne Flanders (joanne.flanders@noaa.gov) by **October 18, 2022.** [More details here.](#)

[Funding Opportunity: Understanding the Effects of Climate Change on Environmental Hazards in Overburdened and Underserved Communities](#) The Gulf Research Program is accepting applications from academic and research institutions for projects that develop or augment models of the potential impacts of multiple, interacting climate hazards on local environmental health disparities. A total of \$5.5 million available to support projects not exceeding three years in duration. Applications close at 5 pm ET on **November 11, 2022.** [More details here.](#)

[Engaging Socially Vulnerable Communities and Communicating About Climate Change-Related Risks and Hazards](#) The National Academies of Sciences, Engineering, and Medicine recently released resources that draw on existing social, behavioral and decision science research to identify actionable guidance for decision and policy makers who are charged with safeguarding their community's health, economy, and well-being against climate change hazards. [View the interactive site.](#)

[Climate Mapping for Resilience and Adaptation Tool](#) Climate Mapping for Resilience and Adaptation (CMRA) integrates information from across the federal government to help people consider their local exposure to climate-related hazards. People working in community organizations or for local, Tribal, state or Federal governments can use the site to help them develop equitable climate resilience plans to protect people, property and infrastructure. CMRA is designed to work complementary to the U.S. Climate Resilience Toolkit.

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Sea Grant | 1315 East-West Hwy, Silver Spring, MD 20910

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