

April 2021

## Sea Grant American Lobster Initiative Shows Ecosystem Changes Affecting the Fishery



Researchers participating in the National Sea Grant American Lobster Initiative summarized the latest science explaining how warming waters across the Northeast impact lobsters at all life stages, from egg to adult. This page will serve as an evolving platform to include more resources as projects from the American Lobster Initiative's Research Program develop.

[See the interactive story map](#)



### Small Business Partnership Leads to big Advances in Water Quality Monitoring

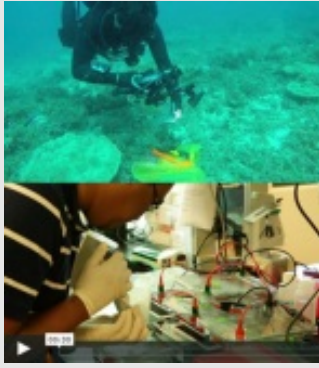
Sea Grant is partnering with Swift Engineering on the development of a buoy like none before. Meet Kelp - a remote, self-powered buoy for water quality monitoring. Joined through NOAA's Small Business Innovation Research Program, Sea Grant is helping Swift Engineering deploy and test Kelp in different environments for a variety of purposes.

[Check out this multimedia feature](#)

### Washington Sea Grant Supports Local Clam Garden Effort

The Swinomish Indian Tribal Community is reviving an ancient mariculture practice by installing the first known present-day clam garden in the United States. Washington Sea Grant is helping to support the planning phases and community engagement of this effort. In this new video, hear from community members in their own words about the importance and vision of the Swinomish Tribe's clam garden project.





## Hawai'i Sea Grant's Voice of the Sea Broadcast Across the Federated States of Micronesia

Hawai'i Sea Grant's popular Voice of the Sea television series is now being aired in the Federated States of Micronesia. The series is filmed, hosted, and produced by Hawai'i Sea Grant's education director, Kanesa Seraphin. Voice of the Sea travels throughout Hawai'i and the Pacific meeting researchers, scientists and cultural practitioners. Each episode highlights community members and the work being done by local partner organizations.

[View Voice of the Sea Episodes](#)

## #SGBluePlanet: Puerto Rico Sea Grant Collaborates on Beach Monitoring Effort

This month, #SGBluePlanet shared highlights of how Sea Grant protects our blue planet's coastal resources through work in water, weather and climate. One such effort is Puerto Rico Sea Grant's collaboration with CARICOOS to track water quality for beaches in Puerto Rico and the U.S. Virgin Islands. The site helps visualize the presence of Enterococcus bacteria in seawater.

[See beach ratings in real time](#)



## Introducing the Sea Grant Law and Policy Page

Did you know that lawyers are an important part of Sea Grant's network? They address diverse topics, from climate adaptation to public access to shoreline. Learn about Sea Grant's work in law and policy and meet Sea Grant legal experts on Sea Grant's new Law and Policy webpage.

[View the Law and Policy page](#)

## Join the Great Lakes Community Science BioBlitz

As part of Citizen Science Month, join the Great Lakes Sea Grant Network in their BioBlitz now through May 20! This event is an opportunity for people in the Great Lakes region (i.e., Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio, Pennsylvania, New York, and Ontario, Canada) to collectively observe, compare and share the biodiversity they find in their communities.

[Check out the Great Lakes BioBlitz](#)



## Alaska and Florida Sea Grants Featured in 2020 NOAA Science Report

The newly released NOAA Science Report celebrates NOAA's vital ocean, weather, water and climate research. The report includes features on Alaska Sea Grant's Mariculture Map tool for planning and permitting marine aquaculture projects in Alaska, along with a Florida Sea Grant extension project that shared information about shellfish hatchery operations.



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## We Bid Adieu to Louisiana Sea Grant Executive Director Robert Twilley

As many already know, Dr. Robert Twilley announced he is stepping down as executive director of the Louisiana Sea Grant this spring. He became Louisiana Sea Grant's third executive director in its long history in 2012.

During his tenure, Louisiana Sea Grant programming grew in new and exciting ways, including with the establishment of the [Louisiana Discovery, Integration, and Application \(LaDIA\) program](#). Armed with a [collaborative](#) spirit, Robert worked relentlessly to strengthen Louisiana Sea Grant's partnerships with state and federal entities. Most recently that has included supporting [graduate researchers](#) in cooperation with NOAA's Ocean Acidification Program and aiding the State of Louisiana by leading the process to select a site to nominate as a new [National Estuarine Research Reserve](#).



Robert will continue as a professor at Louisiana State University in the [College of the Coast and Environment](#). Robert's vision will be missed within Sea Grant, but we wish him happy trails and hope he'll be no stranger as he continues his ecosystem research.

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## Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, such as Ocean and Coastal Resource Specialist with New York Sea Grant and Communications Specialist with Maine Sea Grant.

[Community-Focused Ocean Renewable Energy Research Funding Opportunity](#) The Northeast Sea Grant Consortium seeks proposals to catalyze social science and technology research for ocean renewable energy planning in the Northeast, 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. Pre-proposals due: **May 14, 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.

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## Connections and Partner Updates

[SOAR Shellfish Growers Resiliency Fund](#) The Nature Conservancy's Supporting Oyster Aquaculture and Restoration (SOAR) program recently issued a request for proposals for the new \$1 million Shellfish Growers Resiliency Fund. The Fund offers small awards (up to \$20,000) targeted toward shellfish growers and large awards (up to \$100,000) to address systemic issues facing the shellfish industry. Application Deadlines: **May 17, 2021** (small award), **June 14, 2021** (large award)

[Oil Spill Outreach Materials](#) This month marked 11 years since the Deepwater Horizon oil spill began impacting Gulf coastal ecosystems and communities. Since then, the Gulf of Mexico Sea Grant Oil Spill Science Outreach Team has pulled together a vast array of published information around specific topics and questions asked by students, teachers and the public. See their [library of oil spill extension publications](#) and [series of companion slide presentations](#) to assist extension professionals in disseminating oil spill science facts.

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