

March 2022

## Downriver and Out to Sea: Explore Stories of Sea Run Fish



Sea run fish – fish that migrate between fresh and saltwater – hold meaning to many New England communities as food, as income, as history and as a key part of a functioning ecosystem. But many unknowns about these fish remain. Across New England, Sea Grant researchers are working to understand how these populations are changing, what habitats are most important to them and how to restore once vibrant runs of sea run fish. A four-part series from New Hampshire Sea Grant follows these researchers in Maine, Massachusetts and New Hampshire and the ways their research connects to the entire Gulf of Maine, sharing their success with the entire region.

[See the interactive storymap](#)



### Recognizing the Women of Sea Grant

Women of Sea Grant are scientists, communicators, educators, outreach specialists and more. In honor of Women's History Month, learn about the work of some of the many Women of Sea Grant, including:

- [Diana Payne](#), Connecticut Sea Grant's Education Coordinator,
- [Natalie Chin](#), Wisconsin Sea Grant's Climate & Tourism Specialist,
- [Betty Staugler](#), Florida Sea Grant's Harmful Algal Bloom Liaison, and
- [Fran Castro](#), Guam Sea Grant's Associate Director for Operations & Development.

In this profile, [get to know Renee Collini](#), a Coastal Climate Resilience Specialist with Mississippi-Alabama and Florida Sea Grant programs and leader of the Program for Local Adaptation to Climate Effects: Sea-Level Rise (PLACE: SLR).

## Opportunity Now Open

Sea Grant announced a funding opportunity for collaborative projects related to the development of gear technologies and socioeconomic research on opportunities/barriers for adoption in the American lobster fishery (Gulf of Maine, Georges Bank, and southern New England). The research will become part of the Sea Grant American Lobster Initiative. Applications must be submitted by May 24, 2022.

[See details on the funding opportunity](#)



## National Sea Grant College Program Seeks Input on its 2024-2027 Strategic Plan

In order to inform its 2024-27 strategic plan, Sea Grant is hosting a series of listening sessions, which will focus on different goals from the current strategic plan and on the plan overall. The webinars are open to anyone who is interested in attending. A virtual comment card is also available to share ideas.

[Register for the webinars and complete the virtual comment card](#)

## Washington Sea Grant Pilot Project Helps Rural Coastal Communities Address Natural Hazards

The newly completed Resilience Action Demonstration Project, a collaboration between Washington Sea Grant and the Washington State Department of Ecology, supports efforts for long term resilience planning in geographically isolated communities. The project team conducted outreach, research and collaboration with local, state, federal and Tribal participants to enhance existing resilience initiatives and advance locally-driven projects and plans. The Washington coast results demonstrate national relevance.

[See the project findings](#)



## Sea Grant's "Great Red Snapper Count" Featured in 2021 NOAA Science Report

The recently released 2021 NOAA Science Report highlights more than 60 stories that represent a selection of NOAA's 2021 research and development accomplishments across the range of NOAA's mission. This includes the Sea Grant supported "Great Red Snapper Count", which found more than 110 million red snapper in the U.S. waters of the Gulf of Mexico, a count that greatly surpassed previous population estimates of about 36 million red snapper.

[Read the 2021 NOAA Science Report](#)

## Georgia Sea Grant's Artists, Writers & Scholars Program Highlights Value of Coastal Heritage

Supporting projects that increase awareness of Georgia's coastal environments or help document the history, culture or heritage of the state's coastal resources and communities is the goal of Georgia Sea Grant's Artists, Writers and Scholars program, which launched in 2021. The three projects selected for funding will employ metal artwork, panoramic photography, and digital media.

[Learn more from Georgia Sea Grant](#)



## Gain Great Lakes Invasive Species Awareness with Michigan Sea Grant's Videos

An animated video series developed by Michigan Sea Grant and the Great Lakes Aquatic Nonindigenous Species Information System tells the story of how some of the Great Lakes' worst aquatic invasive species were introduced to the region – and highlights management victories and the future of research along the way.

[View the five-part series](#)

## Lake Champlain Sea Grant Podcast Shares Perspectives on Riparian Restoration Projects

In the latest episode of Lake Champlain Sea Grant's Restoration Roundup podcast, the hosts speak with three farmers and landowners who made the decision to restore riparian areas on their land. Though many farmers share a reservation about the loss of their land to the forest, the interviewees discuss how the programs they worked with helped navigate how to best support their surrounding land and ecosystems while still ensuring a productive farm.

[Listen to the episode](#)



## Former Knauss Fellow Engages Sea Grant Network on Renewable Energy Topics

As a 2021 Knauss Fellow from Virginia Sea Grant, Shaelyn Patzer played a coordinating role between the Department of Energy's Water Power Technologies and Wind Energy Technologies Offices and the National Sea Grant Office. She led a series of 22 listening sessions with all 34 state Sea Grant Programs focused on a broad range of energy-related concerns. Now, Patzer will continue to explore these coastal energy priorities as an ORISE Fellow.

[Read more about Patzer's role](#)

## Illinois-Indiana Sea Grant Funded Research Project Informs Green Stormwater Infrastructure

Illinois-Indiana Sea Grant funded a University of Illinois project to help communities add green stormwater infrastructure to their strategies to prevent local flooding. The multidisciplinary research project involved experts and students, incorporating soil mapping and green infrastructure modeling along with landscape design. The results are being implemented in Calumet City, Illinois plans.

[Learn more from Illinois-Indiana Sea Grant](#)



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## Help Review 2023 Knauss Fellowship Applications

The National Sea Grant Office is in the process of convening the [Sea Grant Knauss Fellowship](#) selection panel for the 2023 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 two phases of 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 and virtual reviews. For those that are eligible, the National Sea Grant College Program will be providing honoraria.

For those interested in serving as a paper or virtual panel reviewer, please reach out to the Fellowships Team at [oar.sg.fellows@noaa.gov](mailto:oar.sg.fellows@noaa.gov) and include *Knauss Reviewer Interest* in the subject line.

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## Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, such as Coral Disease Associate with Florida Sea Grant, Reporting and Evaluation Coordinator with Georgia Sea Grant, Ocean and Coastal Law Fellow with the National Sea Grant Law Center, and Science Communications Fellow with Pennsylvania Sea Grant.

[Sea Grant American Lobster Research Program](#) Applications are sought from research teams for collaborative projects to address priority issues involving applied research and/or technological questions impacting the American lobster fishery. Applications must be submitted by May 24, 2022.

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## Connections and Partner Updates

[NOAA Technology Partnerships Office Call for Reviewers](#) Are you an expert in a field related to climate, weather, oceans or coasts? The NOAA Technology Partnerships Office is looking for scientific and technical experts to review research proposals from U.S. small business entrepreneurs. [Learn more here](#).

[EPA Environmental Justice Funding Outreach](#) EPA is hosting two separate events to discuss the availability of \$1.6 million to fund tribal government efforts to establish or modify public participation programs where fair treatment and meaningful participation priorities have been impacted by the COVID-19 pandemic. An [informational call](#) will take place **April 7, 2022** and a [webinar](#) will take place **April 14, 2022**. More details at the above links.

[BEACHES Graduate Education Workshop at Northeastern University](#) This three day workshop from June 5-8, 2022 aims to demystify the process of applying to graduate schools in the fields of Marine Science, Environmental Science, Geoscience, Ecology, and Evolution. BEACHES targets students who identify with groups underrepresented in STEM fields, first generation college students, and students who do not have ready access to the graduate school pipeline. Apply to participate by **April 15, 2022**.

[U.S. Department of Energy: Energy Transitions Initiative Partnership Project](#) The U.S. Department of Energy's Energy Transitions Initiative Partnership Project works alongside remote, island, and islanded communities to transform their energy systems and increase energy resilience through strategic energy planning and the implementation of solutions that address their specific challenges. NREL is soliciting applications for the second year of technical assistance for remote, island, and islanded communities in the United States. Applications are due by **April 15, 2022**.

[2023 Call for Nominations for the NOAA Hydrographic Services Review Panel Federal Advisory Committee](#) The panel advises NOAA on operations and research issues related to navigation, hydrographic surveying, nautical charts, tides and currents, geodetic and geospatial data and measurements, Arctic priorities and coastal data and resilience. Applicants should have expertise in marine navigation, port administration, maritime shipping or other intermodal transportation industries, cartography and geographic information systems, geodesy, geospatial data, physical oceanography, coastal resource management, including coastal resilience and emergency response, or other science-related fields. Nominations are due via email no later than **April 15, 2022**.

[National Sea Grant Law Center Continuing Legal Education Webinar](#) The National Sea Grant Law Center will present a Continuing Legal Education webinar entitled "Per- and Polyfluorinated Substances Legal and Regulatory Update." [Register for the webinar](#) which will occur on **April 21, 2022**.

[2022 National Coastal Resilience Fund](#) 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 while improving habitats for fish and wildlife species. Pre-proposals must be submitted no later than **April 21, 2022**.

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Grant

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