

August 2023

Meet the 2023 Sea Grant-NMFS Fellows



Sea Grant and NOAA Fisheries recently announced the 2023 National Marine Fisheries Service (NMFS)-Sea Grant Joint Fellowship recipients.

Seven population and ecosystem dynamics doctoral fellows and one marine resource economics doctoral fellow were selected through a competitive selection process. The joint fellowship program is a successful workforce development effort to train highly qualified professionals for NOAA's science-based approach to fisheries management. Current fellows presented their research at the 2023 NMFS-Sea Grant Fellowship Research Symposium in Silver Spring, Maryland.

[Read the Full Story](#)



NOAA's Sea Grant and Disaster Preparedness Programs Continue Partnership, Team Up to Support Four new Projects

For the second time, NOAA's National Sea Grant College Program and Office of Response and Restoration's (OR&R) Disaster Preparedness Program (DPP) have partnered to competitively solicit and select projects to support innovative all-hazard preparedness, response, and recovery initiatives for coastal communities.

A total of \$ 634,936 in FY23 federal funds will support four projects in New Jersey, North Carolina, Oregon, and South Carolina. Each project takes a different approach tailored to local needs regarding disaster preparation.

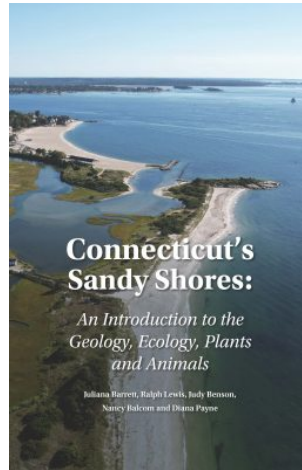
[Read the full story](#)

Recent Sea Grant Publications



[Chesapeake Quarterly](#)

This issue of Chesapeake Quarterly, published by Maryland Sea Grant, explores current research and technology that support oyster aquaculture. New tools and strategies—many derived from land-based agriculture—aim to produce quality oysters and reduce farming labor. Growers and researchers share news about advancements in aquaculture gear, smart harvest technology, genetic research, and more.



[Connecticut's Sandy Shores](#)

Connecticut Sea Grant and the Connecticut College Arboretum recently released the publication of Connecticut's Sandy Shores, a 130-page guidebook to the geology, ecology, plants and animals of the Connecticut Coast, filled with dozens of color photos and illustrations.



[Coastwatch Magazine](#)

The Summer 2023 issue of North Carolina Sea Grant's award-winning Coastwatch magazine features a video interview with MacArthur Fellow J. Drew Lanham, a look at new climate resilience programs, and a day out on "The Graveyard of the Atlantic" with Bland Simpson. The latest edition also includes new research on plastic pollution in the Neuse, as well as a 50-year study that determined sea level rise endangers 90% of the world's salt marshes.

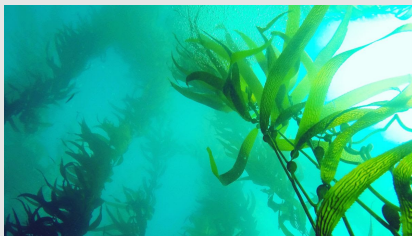


Photo: California Sea Grant, Ashley Palinkas

[Kelp Recovery Research Results Published](#)

Six solutions-oriented science projects, funded by California Sea Grant and the California Ocean Protection Council (OPC) and in collaboration with the Department of Fish and Wildlife (CDFW), have released exciting findings that will inform the efforts of resource managers to protect and restore kelp ecosystems statewide.

Funding Opportunity: Climate Ready Workforce

Sea Grant and the NOAA Climate Program Office, with support from the NOAA Office for Coastal Management, seek to establish programs aimed at placing people across the country into good jobs that advance climate resilience and assisting employers in developing a 21st century workforce that is climate literate, informed by climate resilience, and skilled at addressing consequent challenges. NOAA will assist communities in coastal and Great Lakes states, territories and tribes so they may form partnerships that train workers and place them into jobs that enhance climate resilience.

NOAA envisions making between 10-20 awards under this competition, at amounts ranging from \$500,000-\$10 million each. NOAA expects projects to range in duration from 24 months to 48 months, beginning no earlier than August 1, 2024. This opportunity is open to state, tribal, territorial and local governments, institutions of higher education, and non-profit organizations in coastal states or territories. Resources from NOAA's Climate Program Office, Office for Coastal Management, and National Sea Grant Office and its partners will be available to provide technical assistance to applicants and recipients to support these innovative efforts.

[Learn More](#)

ICYMI: Sea Grant Announces Workforce Development Projects to Support U.S. Seafood Industry

Sea Grant recently announced the selection of 10 projects through two competitions aimed at bolstering workforce development efforts in both the wild-caught fisheries and aquaculture sectors.

The FY2023 Young Fishermen's Career Development Projects competition was offered in direct response to the 2021 Young Fishermen's Development Act. Three projects were selected through this competition in Alaska, Massachusetts, and North Carolina. NOAA is providing \$976,215 in federal funding to support the projects, which also include 25% non-federal match. The competition received 14 proposals requesting a total of \$4.7M in federal funding.

The FY2023 Aquaculture Workforce Development Support Projects competition was open to all Sea Grant programs. Twelve proposals were received requesting \$3.7M in federal funding. The seven selected projects will receive a total of \$2.4M and will support aquaculture workforce projects in California; Connecticut; Hawai'i, American Samoa, and Guam; Massachusetts; New Jersey; South Carolina; and Washington.

[Learn More About the Projects](#)



Sea Grant Expands Portfolio of Work Focused on Studying Contaminants of Emerging Concern

Congress has directed Sea Grant to "partner with State agencies and academic institutions to research and monitor contaminants of emerging concern that may cause ecological or human health impacts, including per- and polyfluoroalkyl substances (PFAS), in coastal and estuarine waters." The National Sea Grant Office has successfully issued three national competitive funding opportunities to support initiatives focused on regionally relevant CEC issues and priorities.

Sea Grant recently announced two projects receiving approximately \$1M in FY2023 funding through a competitive opportunity focused on CECs. The new projects add to a growing portfolio. Previously announced projects are now in various stages of supporting competitive research in several regions across the U.S.

[Read More](#)

Pacific Regional Meeting

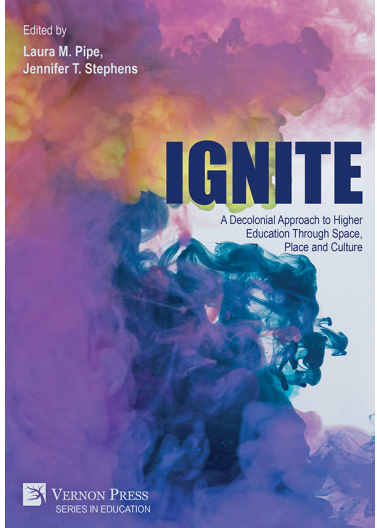
Representatives from the seven Pacific Sea Grant programs gathered last week in Anchorage, Alaska for their first regional gathering in eight years.

Photo: Participants pose for a photo at the Eagle River Nature Center. (Dawn Montano, Alaska Sea Grant)



New Book Features Chapter on Kūlana Noi'i

A new book titled [Ignite: A Decolonial Approach to Higher Education Through Space, Place and Culture](#) that looks closely at the role of



colonization on the culture and values of higher education institutions, includes a chapter by faculty from the University of Hawai'i Sea Grant College Program (Hawai'i Sea Grant), the University of Hawai'i's School of Ocean and Earth Science and Technology (SOEST) and Center for Teaching Excellence, and Kua'āina Ulu 'Auamo.

The chapter, titled "Kūlana Noi'i: a Kanaka 'Ōiwi-centered Indigenist axiology for conducting research with communities," examines the nuances and complexities of community-researcher partnerships and details the process used to develop written guidelines ([Kūlana Noi'i](#)) that help ensure reciprocal, place-based research in Hawai'i. It stresses the importance of Indigenist ethics, which require that all who engage with Kūlana Noi'i take the rights of Indigenous peoples as the highest priority.

The authors of the book chapter, Dr. Rosie 'Anolani Alegado and Katy Hintzen from Hawai'i Sea Grant's [Ulana 'Ike Center of Excellence](#); Brenda Asuncion and Miwa Tamanaha from Kua'āina Ulu 'Auamo; and Daniela Bottjer-Wilson from the UH Mānoa Center for

Teaching Excellence, initially envisioned Kūlana Noi'i out of a need expressed in the ahupua'a of He'eia for a set of guidelines to help ensure that research projects in this area engage in equitable and reciprocal partnerships.

Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, including several positions in Hawai'i, Oregon, and New York.

[NOAA's Marine Debris Program \(MDP\)](#) is seeking proposals under two separate competitive funding opportunities to address marine debris throughout the coastal United States, Great Lakes, territories, and Freely Associated States. The first funding opportunity is for national and regional projects to remove large-scale marine debris. The second funding opportunity is for marine debris removal through the deployment and management of proven debris interception technologies. Using funding provided under the Bipartisan Infrastructure Law, NOAA expects to provide up to \$28 million for projects across the two competitions based on the merit of submitted applications. The NOAA MDP encourages applicants and awardees to support the principles of justice, equity, diversity, inclusion, and accessibility when writing their proposals and performing their work.

[The Bureau of Indian Affairs Branch of Tribal Climate Resilience \(TCR\)](#) recently announced their FY2023 annual awards solicitation. This year, TCR expects to award approximately \$120 million to Tribes and authorized Tribal organizations to increase climate adaptation and resilience capacity and support related Tribal planning and implementation efforts. This is by far the largest amount of annual funding made available in the history of the Bureau of Indian Affairs' Tribal Climate Annual Awards Program. Application window closes October 13, 2023.

[NOAA's Climate Program Office seeks FY24 proposals to advance climate science, resilience](#)

This year's notice of funding opportunity consists of six competitions to advance understanding of Earth's climate system through interdisciplinary, integrated scientific research. The goal is to boost society's ability to understand, plan for, and respond to climate variability as well as extreme weather, water, and climate events caused by climate change.

[NOAA's Ocean Acidification Program Mini-Grant Opportunity](#)

The NOAA Ocean Acidification Program (OAP) is pleased to announce the launch of the FY24 Education Mini-grant Program! The principal objective of OAP's Education Mini-grant Program is to provide federal financial assistance to develop ocean and coastal education tools and programs in underserved and/or Indigenous communities or Tribes. To learn more about this federal funded opportunity, [see the Notice of Funding Opportunity here](#).

A webinar outlining required proposal elements and the review process will take place at 5 pm EST on Monday, July 10th, 2023. This will be recorded and posted to OAP's website for those who are unable to attend. [Register here](#). Letters of Intent (LOIs) are strongly encouraged, and if submitted must be received by 11:59 pm EST on Friday, September 15th, 2023. Letters of intent are recommended so staff can assist applicants through the federal application process. Full proposals must be received by 11:59 pm on Friday, February 23rd, 2024.

Grant

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