

2022 Sea Grant Coastal Adaptation and Resilience Institutional Funding		
Recipient	Project Description	Federal Funding
Alaska Sea Grant	Alaska Sea Grant will provide the opportunity for bringing together communities from across rural coastal Alaska to participate in a dialogue focused on co-producing knowledge to discuss and describe managed retreat. Specifically, this project will develop reports and workshops on case studies of managed retreat in Alaska and the U.S.	\$124,909
California Sea Grant	California Sea Grant will help facilitate greater knowledge-sharing around coastal resilience topics in the California North Coast region through the hiring of a Humboldt Bay area extension specialist. Planned activities include providing education on sea level rise to various audiences and engaging with California North Coast Tribes to support their leadership on coastal resilience activities.	\$125,000
Connecticut Sea Grant	Connecticut Sea Grant will advance both Climate Corps, an academic program focused on service learning and workforce development related to community climate change adaptation, and Coastal Habitat Management and Restoration extension activities, which generate outreach on the conservation of the habitats and species of Long Island Sound and its link to community resilience.	\$125,000
Delaware Sea Grant	Delaware Sea Grant will develop new programs through the addition of an Urban Watershed Specialist and a Coastal Hazards Specialist. The program will also expand their Coastal Resilience Design Studio to engage with more coastal communities on resiliency planning initiatives.	\$125,000
Florida Sea Grant	Florida Sea Grant will develop the collaborative Disaster Resilient Florida initiative to work towards creating a more resilient and equitable housing ecosystem across the state of Florida. The project will enhance awareness of and planning and preparation for the impacts of coastal climate change on affordable housing.	\$125,000
Georgia Sea Grant	Georgia Sea Grant will support resilience research, extension, education and communication activities through the hiring of a resilience coordinator, the development of a resilience fellowship, and the collaborative planning of a Southeast regional resilience workshop.	\$124,999
Guam Sea Grant	Guam Sea Grant will create a post-doctoral position focused on resilience issues in Guam. The post-doc will coordinate projects and activities around community adaptation and resilience in response to climate change impacts and ensure that climate-science information is made accessible to a broad range of relevant partners in Guam.	\$125,000
Hawai'i Sea Grant	Hawai'i Sea Grant will develop and implement extension programming on the rural North Shore of Oahu related to climate change adaptation; energy, water, and food sustainability; aloha aina (love of the land); ridge-to-reef watershed planning; climate resilient fisheries and aquaculture system; watershed restoration; and community building.	\$125,000

Illinois-Indiana Sea Grant	Illinois-Indiana Sea Grant will produce a visualization tool on coastal processes and their interaction with structures along the Lake Michigan shore to help communities make informed decisions about protecting their shorelines, conduct an analysis of floodplain communities in the southern Lake Michigan region, and further the Illinois-Indiana Sea Grant Faculty Scholars research program.	\$125,000
Lake Champlain Sea Grant	Lake Champlain Sea Grant will develop an educator position focused on municipal education related to weather and climate adaptation and resilience. The educator will promote awareness of available technical assistance, tools and funding opportunities to help improve communities' resilience to climate-related hazards as well as the function of river-floodplain systems to minimize flood impacts.	\$125,000
Louisiana Sea Grant	Louisiana Sea Grant will develop Louisiana-specific hazard information in accessible formats for English-, Spanish- and Vietnamese-speaking communities along the coast. An advisory committee will help guide content development and grow knowledge and partnerships related to Louisiana Sea Grant's existing resilience capacity.	\$106,986
Maine Sea Grant	Maine Sea Grant will support two, regionally-focused coastal adaptation and resilience positions, providing technical assistance and outreach to support the planning, design, implementation and evaluation of resilience activities.	\$124,455
Maryland Sea Grant	Maryland Sea Grant will conduct a coastal resilience needs assessment on two under-resourced communities in Maryland and develop an outreach strategy to better provide information and resources to the selected under-resourced communities. Support for the project will be provided by a graduate research assistant and communications professional.	\$125,000
Massachusetts Institute of Technology Sea Grant	MIT Sea Grant will build a collaborative network between academic, community and policy groups across Massachusetts to mainstream traditional ecological knowledge and science, technology, engineering, art and mathematics knowledge in improving equitable adaptation and resilience outcomes for both Indigenous and non-Indigenous communities.	\$124,976
Michigan Sea Grant	Michigan Sea Grant will expand their Sustainable Small Harbors Tools and Tactics Guidebook, which provides best practices, resources and funding opportunities to support small harbor planning efforts. Updates will include strategies related to fluctuating water levels, climate resiliency, decarbonization, changing economic activity, and state and federal funding and programs.	\$125,000
Minnesota Sea Grant	Minnesota Sea Grant will identify and reduce barriers to green infrastructure implementation in Minnesota's Lake Superior coastal communities through an audit of the land-use codes and ordinances and creation of outreach materials. Additionally, the program will build staff capacity focused on resilience-based efforts.	\$125,000
Mississippi-Alabama Sea Grant Consortium	Mississippi-Alabama Sea Grant Consortium will create the Resilient Oyster Industry Community of Practice to engage interested parties in objective-driven exchanges of best management practices, address related challenges and new opportunities, and enhance diversity,	\$124,973

	equity and inclusion in the oyster farming industry in Alabama and Mississippi.	
National Sea Grant Law Center	The National Sea Grant Law Center will implement a competitive research grant program to fill the gap in knowledge regarding the effectiveness of coastal adaptation and resilience laws and policies.	\$125,000
New Hampshire Sea Grant	New Hampshire Sea Grant will improve collective awareness of coastal resilience needs and expand capacity for K-12 climate education programming in coastal New Hampshire through the development of a workshop, a fellowship, and a "climate in the classroom" program that involves teacher training and teaches climate literacy topics in a K-12 setting.	\$124,735
New Jersey Sea Grant Consortium	New Jersey Sea Grant Consortium will train Green Infrastructure Champions, especially those from overburdened communities. The Green Infrastructure Champions will then participate in the design and implementation of ten green infrastructure projects in overburdened communities.	\$125,000
New York Sea Grant	New York Sea Grant will create a train-the-trainer program to expand Community Flood Watch in NYC and develop extension and outreach resources for the pilot MyCoast NY program to expand use of a publicly available, centralized database of crowd-sourced photos of flooding, storm damage, and shoreline change from across the state.	\$125,000
North Carolina Sea Grant	North Carolina Sea Grant will implement the Coastal Resilience Team Competition fellowship opportunity, which will solicit applications from teams of North Carolina-based undergraduate and graduate students to conduct research projects that will lead to more resilient habitats and communities.	\$125,000
Ohio Sea Grant	Ohio Sea Grant will support extension agents in educating community members on how climate change will manifest within the Great Lakes, with primary emphasis on Lake Erie, and teaching them how to adapt to a changing environment in a manner that promotes future resilience to change.	\$125,000
Oregon Sea Grant	Oregon Sea Grant will engage researchers, teachers and youth from rural coastal communities in Oregon to collaboratively develop a virtual and augmented reality toolkit focused on earthquake and tsunami hazards and preparedness. The toolkit will focus on preparation, evacuation and post-disaster recovery in the event of a large-scale Cascadia subduction earthquake and subsequent tsunami.	\$124,110
Pennsylvania Sea Grant	Pennsylvania Sea Grant will enhance knowledge of changing salinity risk in the Delaware Watershed in order to increase resilience from extreme events such as drought and development patterns that may put water quality at risk. Results from the research model will be communicated to identify and assess effective mitigation strategies for communities.	\$124,934
Puerto Rico Sea Grant	Puerto Rico Sea Grant will develop aquaculture protocols for the mangrove oyster that can allow this species to be grown safely and effectively. This type of aquaculture could increase food security for coastal communities and allow them to generate income by marketing locally, thereby increasing community resilience.	\$125,000

Rhode Island Sea Grant	Rhode Island Sea Grant will enhance state resilience planning by providing technical and expert assistance, building competence and confidence for adaptation tools and techniques, and supporting peer-to-peer learning, especially for municipal planners and volunteer resilience commissions.	\$125,000
South Carolina Sea Grant Consortium	South Carolina Sea Grant Consortium will support the South Carolina Resilient Coastal Communities Collaborative to enhance the coastal resilience of communities most at-risk for natural disasters and chronic events, with priority given to economically disadvantaged communities. Additionally, the program will enhance resilience research through graduate assistants and a Community Engaged Intern, and collaborative and regional workshops.	\$125,000
Texas Sea Grant	Texas Sea Grant will hire a new coastal resilience specialist to advance Texas coastal community adaptation and resilience to weather and climate hazards. This will increase organizational capacity for coastal resilience in low-capacity communities along Texas' vast coastline.	\$125,000
University of Southern California Sea Grant	USC Sea Grant will support research led by student trainees to help identify the feasibility and efficacy of living shoreline projects for increasing communities' coastal resilience and addressing specific community needs. Additionally, the program will survey coastal managers to identify updated information needs related to research areas previously documented.	\$124,996
Virginia Sea Grant	Virginia Sea Grant will support a research fellow to provide coordination support and technical assistance for the research and development of resilience design solutions for local challenges, such as advanced nature-based solutions, and for municipal clients of the Resilience Adaptation Feasibility Tool, including expanded services for Virginia's Tribal communities.	\$125,000
Washington Sea Grant	Washington Sea Grant will strengthen capacity to support local communities in the assessment and prioritization of their vulnerabilities to sea level rise and interacting or related hazards (earthquakes/tsunamis, erosion and flooding), and leveraging hazard planning to identify and fund adaptation projects to reduce the highest vulnerabilities.	\$125,000
Wisconsin Sea Grant	Wisconsin Sea Grant will quantify and communicate anticipated flood impacts to communities, businesses and homeowners around Green Bay, develop a cohort-model pilot program for local climate action in two Lake Superior basin communities, and leverage climate science, modeling and recommendations from the Wisconsin Initiative on Climate Change Impacts to increase community resilience to natural hazards.	\$125,000
Woods Hole Sea Grant	Woods Hole Sea Grant will support a coastal adaptation and resilience specialist to provide outreach and technical assistance to coastal partners, related to planning, grant funding, training and site visits within the towns of Barnstable County and other portions of southeast Massachusetts.	\$125,000