

November/December 2021

## Delaware Sea Grant Helps Showcase History of Nanticoke Indian Tribe with new Playground



Image by University of Delaware | Kathy Atkinson

In Laurel, Delaware, a new playground honors and shares the folklore of the original inhabitants of the area, the Nanticoke Indian Tribe. The playground's features highlight Nanticoke stories, using symbols such as the rainbow crow, the beaver, the squirrel, and the giant turtle, and they will be accompanied by plaques telling the stories that they represent along with QR codes that allow visitors to learn more about the stories from a traditional storyteller using their smartphones. A traditional blessing ceremony for Tidewater Park was led by members of the Nanticoke Indian Tribe after playground installation began. The project, supported in part by Delaware Sea Grant, is part of a larger redevelopment plan for the area that aims to support the local environment and economy.

[Continue reading](#)

### Explore the Importance of Traditional Knowledge with "On My Coast"

Traditional Ecological Knowledge is a knowledge system or worldview of human-environment relations that incorporates spirituality, cultural values, ethics, and the basic norms of society, and is passed down through generations, often through oral tradition. In this episode of On My Coast, we connect with a Traditional Knowledge holder who shares their experiences and discusses how they share their knowledge.

[Listen to On My Coast](#)



South Atlantic Sea Grant Project Uses Recycled



## Materials to Reduce Marine Debris

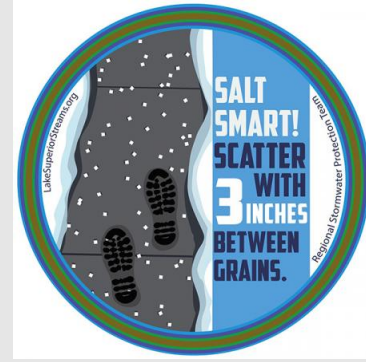
Georgia Sea Grant, in partnership with South Carolina Sea Grant Consortium, are distributing bags made from recycled shrimp net material to recreational boaters, anglers, volunteers cleaning up litter in waterways, K-12 students, and the public so they can collect and properly dispose of marine debris. By participating in this project people will be educated about the negative impacts of marine debris and practice good environmental stewardship.

[Learn how to get involved](#)

## Reduce Road Salt Use this Winter with Tips from Lake Champlain Sea Grant

Road salt helps prevent ice from forming on roads during winter, but did you know that it can have negative impacts on the environment and infrastructure? Individuals and businesses can learn how to "salt smart" with resources from Lake Champlain Sea Grant, like the deicing product application calculator.

[See the resources](#)



## Mississippi-Alabama Sea Grant Consortium Shares Sea-Level Rise Curriculum

Mississippi-Alabama Sea Grant Consortium's "Sea-Level Rise in the Classroom" curriculum helps science and social studies educators understand and teach the science around sea-level rise and the actions that can increase resilience. To support its adoption, the Program for Local Adaptations to Climate Effects: Sea-Level Rise (PLACE: SLR) will host six teacher workshops along the Gulf of Mexico in spring and summer of 2022.

[Check out the curriculum](#)

## New Report on U.S. Role in Global Ocean Plastic Waste Supported by Hawai'i Sea Grant

The National Academies of Sciences, Engineering, and Medicine released their report evaluating U.S. contributions to global ocean plastic waste. The report, which is funded by the NOAA Marine Debris Program, evaluates the prevalence of marine debris and mismanaged plastic waste, examines the import and export of plastic waste to and from the United States, and assesses the potential value of a national marine debris monitoring system. A Hawai'i Sea Grant extension specialist, Mary Donohue, is one of nine experts serving on the committee that will also develop recommendations on knowledge gaps and potential means to reduce United States contributions to global ocean plastic waste.

[See the report](#)



## Alaska Young Fishermen's Summit Expands Network for Early Career Professionals

In December, Alaska Sea Grant hosted the ninth Alaska Young Fishermen's Summit. The summit brings young fishermen together with leaders in the industry to teach business skills, the fisheries management process, and other topics of importance for the Alaska seafood industry. This year's virtual summit



featured Theresa Peterson, an active subsistence and commercial fisherman and the Fisheries Policy Director at the Alaska Marine Conservation Council, as the keynote speaker.

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## Knauss Fellows Share Experiences in Policy from Executive and Legislative Offices

In November, Maine Sea Grant Knauss Fellow Marina Cucuzza recollected lessons learned from her work with fishing communities in grad school and shared the importance of place-based knowledge in informing climate policy. In December, Washington Sea Grant Knauss Fellow Megan McKeown highlighted the bipartisan nature of her work with the House Science Committee and how such collaboration leads to better legislation. Stay tuned for more posts on the Knauss Blog this month!

[Read the Knauss Blog](#)

[Check out Knauss Fellowship applicant resources](#)



## National Sea Grant Advisory Board Nominations

Nominations are being accepted for the [National Sea Grant Advisory Board](#). Current needs include expertise in coastal management, social and behavioral sciences, state government, and tribal and/or indigenous knowledge holders, along with regional expertise in the Great Lakes and U.S. Caribbean. To be considered for current openings, please submit nominations no later than **January 31, 2022**, via email to [oar.sg-feedback@noaa.gov](mailto:oar.sg-feedback@noaa.gov).

[More information on submitting nominations](#)

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## Help Inform Sea Grant's Work on Contaminants of Emerging Concern

A partnership of the Connecticut, New Hampshire and North Carolina Sea Grant programs is conducting a survey as part of a federally funded project on Contaminants of Emerging Concern. The purpose of this survey is to gain a better understanding of the national landscape on Contaminants of Emerging Concern, and identify a strategic national role/framework for Sea Grant on this broad and novel topic. We encourage colleagues both within and outside of Sea Grant, including individuals from federal, state and local governmental agencies, NGOs, academia (including students) and interested citizens to complete this 10-minute survey by **December 31, 2021**.

[Complete the Contaminants of Emerging Concern survey](#)

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## Funding and Career Opportunities

[Sea Grant Career Opportunities](#) Sea Grant has several job openings across the country, such as Accounting Coordinator with Louisiana Sea Grant, and Human Resources and Equity Manager and Marine Water Quality Specialist with Washington Sea Grant.

[PLACE: SLR Fellowship](#) The Program for Local Adaptation to Climate Effects: Sea Level Rise (PLACE: SLR) seeks a fellow to work on-the-ground at the intersection of climate, flooding, health, and socioeconomic vulnerability, helping to understand and address gaps and needs for improved community resilience. The one-year fellowships begins January 1, 2022 and is **open until filled**.



[NMFS-Sea Grant Joint Fellowship Program](#) The NMFS-Sea Grant Joint Fellowship Program in Population and Ecosystem Dynamics and Marine Resource Economics places Ph.D. students in research-based fellowships that provide support for up to three years. Applications are due to state Sea Grant programs by **January 27, 2022**.

[John A. Knauss Marine Policy Fellowship Program](#) The Sea Grant Knauss Fellowship provides a unique educational and professional experience to graduate students who have an interest in ocean, coastal and Great Lakes resources and in the national policy decisions affecting those resources. Applicants are strongly encouraged to reach out to the Sea Grant Program in their state one to two months prior to the state application deadline to receive application support and provide notification of an intent to apply. Applications must be submitted to the state Sea Grant program by **February 18, 2022**.

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## Connections and Partner Updates

Congratulations to Georgia Sea Grant's Associate Director, **Dr. Mona Behl**, who was recently elected to the 2022 American Meteorological Society Council! [Learn more about the council](#).

[Host This Training: Planning Effective Projects for Coastal Communities](#) Help your community build the capacity to conduct an assessment, use a logic model to plan a new project or reassess a current one, and prepare for a meaningful evaluation. Contact NOAA's Office for Coastal Management to host the [Planning Effective Projects for Coastal Communities](#) training course. NOAA provides the expertise and the trainers, you provide the attendees and we'll meet up virtually. Explore everything NOAA's [Digital Coast Academy](#) has to offer for more opportunities.

[Grant Recipients for 2021 National Coastal Resilience Fund](#) The National Fish and Wildlife Foundation and NOAA announced a total investment of \$97.8 million in 49 projects to advance regionally identified priorities and innovative approaches as part of the 2021 National Coastal Resilience Fund. The projects are designed to strengthen the natural infrastructure that protects coastal communities and enhances fish and wildlife habitat in 28 states and territories. Project descriptions and additional information can be [found here](#).

[Help Select the Next Cohort of Davidson Fellows](#) NOAA's Office for Coastal Management is looking for volunteers to conduct a merit review for the next cohort of [Margaret A. Davidson Fellowship](#) applications. Davidson Fellows are graduate students who spend two years at a National Estuarine Research Reserve conducting research that addresses a management need. Merit review volunteers should be knowledgeable about coastal and estuarine issues, including topics ranging from natural science to social science and education. Each reviewer will receive approximately three proposals (~30 min review expected per proposal) to be reviewed over the course of a month and due January 31, 2022. [Sign up here](#). Contact Jean Brodeur ([jean.brodeur@noaa.gov](mailto:jean.brodeur@noaa.gov)) for more information.

[NOAA Public Comment Period on "America the Beautiful" Initiative](#) NOAA is currently seeking public comment to inform its actions to advance the goals and recommendations in the report on conserving and restoring America the Beautiful, including conserving at least 30 percent of U.S. lands and waters by 2030. Interested persons are invited to [submit comments](#) on or before **December 28, 2021**.

[Fifth National Climate Assessment Virtual Public Engagement Workshops](#) The U.S. Global Change Research Program and the authors of the Fifth National Climate Assessment are hosting a series of virtual public engagement workshops to inform the development of this federal climate report on how climate change affects people and places in the United States. These workshops are free and open to the public. To register for any of the events, taking place in January and February 2022, please [click here](#).

[NOAA Regional Integrated Science and Assessments \(RISA\) FY22 Funding Opportunity](#) The NOAA RISA Program expands regional capacity to adapt to climate change. RISA's Regional Teams build sustained relationships between decision-makers and researchers that support collaborative and equitable adaptation to climate risks. The RISA program is holding four competitions under their FY22 Federal Funding Opportunity. While the Letter of Intent deadline has passed, you may still submit a full proposal to the competitions by **January 11, 2022**.

[NIHHIS Urban Heat Island Mapping Campaign](#) The National Integrated Heat Health Information System (NIHHIS) and CAPA Strategies are now accepting applications from organizations interested in participating in the 2022 Urban Heat Island mapping campaigns. Interested cities should apply by 5p ET on **January 14, 2022**.

[USGS Diverse Knowledge Systems in Climate Adaptation Fellowship](#) The Diverse Knowledge Systems for Climate Adaptation Fellowship was developed to foreground diverse knowledge systems, introduce students to the USGS, support graduate students in developing appropriate products related to the impacts of and adaptation strategies for climate change, and more. This opportunity is open to graduate students at Climate Adaptation Science Center Consortium Institutions and minority-serving institutions. Statements of Interest will be accepted through **January 20, 2022**.

[NOAA Coastal Management and Digital Coast Fellowships](#) NOAA's Coastal Management and Digital Coast Fellowships offer postgraduate students on-the-job education and training opportunities in coastal resource management and policy. The selected project list is now available to view. The application deadline for fellows to apply is **January 21, 2022**, and nominations from Sea Grant are due **February 18, 2022**.

[NOAA Environmental Literacy Program Funding Opportunity](#) The NOAA Office of Education has issued a competitive funding opportunity for projects that develop the collective environmental literacy necessary for communities to take actions that build resilience to extreme weather and climate change in ways that contribute to community health, social cohesion, and socio-economic equity. More information is available at the link above. For Priority 2, pre-applications are not required and the deadline for full applications is 11:59 pm ET on **January 25, 2022**.

[NASA Socioeconomic Assessments Call for Proposals](#) NASA Earth Science issued a call for proposals for activities to advance socioeconomic assessments of Earth science information. NASA is conducting this solicitation in cooperation with offices within NOAA. The solicitation encompasses two subelements: Socioeconomic Assessments, and Community and Capacity Development. Notices of Intent to propose are requested by **January 25, 2022**.

[NOAA B-WET Regional Programs and Competitions](#) NOAA's Bay Watershed Education and Training Program (B-WET) has five funding opportunities available across the country that are currently open. The competitive grants promote Meaningful Watershed Educational Experiences. Deadlines vary. More information [available here](#).

[NFWF Emergency Coastal Resilience Fund 2021 Request for Proposals](#) The National Fish and Wildlife Foundation announced the release of the Emergency Coastal Resilience Fund 2021 Request for Proposals, to support projects that increase the resilience of wildlife habitat and coastal communities impacted by hurricanes and wildfires in 2020 and 2021. NFWF will award approximately \$24 million in grants through this RFP, and due to the emergency nature of these funds, a non-federal match is not required. Full proposals are due by **February 3, 2022**.

[NOAA Coral Restoration Projects Funding Opportunity](#) NOAA announced the availability of approximately \$500,000 in Ruth Gates Coral Restoration Innovation Grant funding in 2022. Project proposals are sought from non-federal partners to advance scientific applications to help corals respond to threats, such as ocean warming or coral disease, and enhance the survival of sexually derived corals with the goal of increasing the range of traits within coral populations. The deadline for proposals is **February 23, 2022**.



[Ocean Decade U.S. Fall Meeting 2021](#)  
The [U.S. National Committee for the UN Ocean Decade for Sustainable](#)

[Development](#) convened a public virtual meeting on Nov. 12, 2021. The Committee heard from representatives from the U.N. Decade of Ocean Science for Sustainable Development and Dr. Jane Lubchenco, Deputy Director for Climate and Environment at the White House Office of Science and Technology Policy (OSTP). The Committee also heard from the co-chairs of the Subcommittee on Ocean Science and Technology – Amanda Netburn (OSTP); Terry Quinn (NSF); Craig McLean (NOAA); and Tom Drake (ONR). Members of the [Cross-Cutting Themes for U.S. Contributions to the Ocean Decade](#) committee gave presentations on the draft themes identified to address compelling areas for public and private sector investment and provide opportunities for inter- and multi-disciplinary activities in support of ocean science. Comments from Dr. Lubchenco indicated clear support from the Administration for the draft Themes while also underscoring the need to identify concrete outcomes and the transformative science needed to reach them. The Committee on Cross-Cutting Themes is now incorporating suggestions and comments received during the public comment period into a report that will be completed and released early in 2022.

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