

Sea Grant Monthly

The e-newsletter of the National Sea Grant College Program
April 2018

This is the monthly e-newsletter from the National Sea Grant Office on Sea Grant news, highlights and tools for Sea Grant programs and partners.

Florida Sea Grant Helped Save Keys Lobster Industry Nearly \$4 million After Hurricane Irma



Hurricane Irma displaced more than 150,000 spiny lobster traps in the Florida Keys last year, sometimes miles away from their original locations. But a novel eyes-in-the-sky solution has saved the industry nearly \$4 million, according to the Florida Keys Commercial Fishermen's Association (FKCFA). [Full Story](#)

Oregon Sea Grant funds students for research at sea experience

Students on the Oregon coast are getting a taste of what it's like to conduct research at sea thanks to a series of daylong cruises funded by Oregon Sea Grant.

[Full story](#)



Illinois-Indiana Sea Grant research finds microfibers in

three Great Lakes rivers

Loyola University Chicago biologists John Kelly, Tim Hoellein and Rachel McNeish are assessing levels of microplastic using a range of measures. As part of a larger study, they collected samples from the mouths of the Muskegon, Milwaukee and St. Joseph rivers seasonally over the course of 2016 and into 2017.

[Full story](#)



Partnership highlight: Restoration by Texas Sea Grant and partners returns tidal flow and aquatic life to marsh

To restore tidal flow to the marsh complex, Dr. Rusty Feagin, coastal scientist in Texas A&M University's Department of Ecosystem Science and Management, led work to remove the two primary barriers blocking the inlets.



The Texas A&M AgriLife Research Magnolia Beach to Indianola Marsh Restoration project, which began June 2013 and ended this year, was funded by a Texas Coastal Management Program grant and a Coastal Erosion Planning and Response Act grant from the Texas General Land Office, as well as a Hydrological Restoration grant from the National Oceanic and Atmospheric Administration and the Gulf of Mexico Sea Grant consortium. In 2016, it earned the state's highest environmental honor, a Texas Environmental Excellence Award, from the Texas Commission on Environmental Quality.

[Full Story](#)

New research by Minnesota Sea Grant shows fertilization drives global lake emissions of greenhouse gases

A paper published recently in the journal *Limnology and Oceanography Letters* is the first to show that lake size and nutrients drive how much greenhouse gases are emitted globally from lakes into the atmosphere.



[Full Story](#)

MIT funds new research in ocean acidification and underwater communication

MIT Sea Grant has selected the top four research projects for funding from their annual request for proposals. Three of the projects continue to focus on developing new ocean acidification sensor technology, an area MIT Sea Grant has focused



research funding on for the past three funding cycles, and the last project will further research and development of underwater communication technology.

[Full story](#)

Funding Opportunity: Undergraduate Population and Ecosystem Dynamics Workshop

Sea Grant, in partnership with the National Marine Fisheries Service and the NOAA Office of Education, anticipates that up to \$140,000 will be available to fund a one-year cooperative agreement to develop, conduct, and evaluate one to several Undergraduate Population and Ecosystem Dynamics Workshops to be held between October 1, 2018 and September 30, 2019. This opportunity is open to Sea Grant programs and their partners.

Proposals due from Sea Grant programs by May 22, 2018

[More Info](#)

Post-Doc Opportunity: FY2019 JAMSTEC International Postdoctoral Fellow Programme

JAMSTEC is currently recruiting for the JAMSTEC International Postdoctoral Fellow Programme for next fiscal year (FY19), and will be accepting 4-5 full time fixed-term contract postdoctoral positions. The program seeks to enhance international cooperation and help fellows develop their scientific excellence in any field related to natural science or engineering. For additional details about the fellowship program please see: http://www.jamstec.go.jp/e/about/recruit/jinji_20180528.html

JAMSTEC is the preeminent Ocean Science and Technology Research Institution in Japan. They have also been a very close partner for NOAA for the past 30 years. For general information on JAMSTEC please check out their website at: <http://www.jamstec.go.jp/e/>.

The deadline for application submission is May 28, 2018.

More info via JAMSTEC's Human Resources Division at: recruit-app@jamstec.go.jp



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NOAA Sea Grant | 1315 East-West Hwy | Silver Spring | MD | 20910