



LOUISIANA SEA GRANT



February 2018

Louisiana Sea Grant is one of 33 Sea Grant college programs and is based at Louisiana State University.



Sea Grant and many others associated with the aquaculture industry are working to advance methods of off-bottom oyster farming. Credit: NOAA

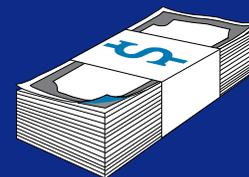
Louisiana Sea Grant legal research streamlines Louisiana's oyster culture permits

Coastal land loss and sea level rise have contributed to a nearly 80 percent loss of oyster resources in Louisiana over the past 10 years. Alternative Oyster Culture involves growing oysters in suspended cages instead of on the water bottom, drastically improving an oyster growers' harvest. In 2016, the Louisiana Sea Grant Law and Policy Program worked with the Louisiana Department of Wildlife and Fisheries to develop the legal framework for Alternative Oyster Culture permitting, removing a major barrier for oyster growers in Louisiana.

laseagrant.org

\$6.6 M

Economic benefit



21,000

K-12 students reached

1,600

Fishermen trained to adopt safe and sustainable harvest practices



Metrics reported to National Sea Grant Office in June 2017 for work completed February 2016 to January 2017



RESEARCH

EXTENSION

EDUCATION

TED compliance workshops help shrimp fishermen avoid \$120,000 in potential fines



Sea Grant extension agents show shrimp fishermen in the Gulf of Mexico how to properly install and maintain TEDs to trawl gear.
Credit: Texas Sea Grant

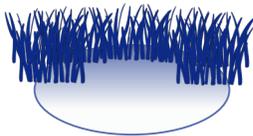
Louisiana Sea Grant partners with NOAA's National Marine Fisheries Service (NMFS) to offer training programs for shrimp fishermen to learn how to install and maintain turtle excluder devices (TEDs) on their vessels. During these Sea Grant-NMFS led workshops, a total of 38 shrimp boats with approximately 110 TEDs were checked for compliance. Corrections on three of these vessels saved vessel owners \$120,000 in potential fines.

seagrantfish.lsu.edu

“Louisiana Sea Grant provides some of the main information that crew members need to focus on when working on the boat. Thu Bui (Louisiana Sea Grant) can translate a lot of Sea Grant resources to the Vietnamese fishermen, which helps remind them to do the right things.”

- Quang Van Doan, manager at Intracoastal Seafood

Informing Private Pond Management



There are an estimated 127,000 privately owned ponds in Louisiana. In 2016, Louisiana Sea Grant pond programming extension efforts reduced management costs and negative environmental impacts, while enhancing recreational and property values. Pond management recommendations from Sea Grant extension staff saved pond owners an average of \$50 to \$600 per acre.

Increasing Resilience to Flash Flooding



In 2016, Louisiana Sea Grant facilitated the completion of a Community Resilience Index (CRI) for the City of Covington, Louisiana. The information gained during the CRI helped secure a \$45,000 grant to develop a flash flood response plan and increase the community's resilience to future flash flood events.

Connecting Students with Coastal Resources



Louisiana Sea Grant's Ocean Commotion is a one-day event that provides hands-on activities for students and teachers to learn about ocean and coastal habitats and resources. In 2016, 2,138 K-8 students, 121 teachers and 136 chaperones were engaged in a day of discovery about ocean and coastal issues. Post-event surveys showed that student knowledge improved as a result of the event.