

A Smart Investment in Our Coastal Economy 2023

\$77.9 Million
Economic Benefit from Sea Grant Activities



Engaged 18,448 Individuals

through research and extension presentations



24 Businesses and 1,731 Jobs

Created or sustained through Sea Grant activities

6,616

Fishermen, Seafood Processing or Aquaculture Industry Personnel modified their practices using knowledge gained in fisheries sustainability and seafood safety from Sea Grant activities

Volunteers provided

3,361

Hours to Sea Grant activities



Supported

112

Undergraduate and Graduate Students across the state



Educated

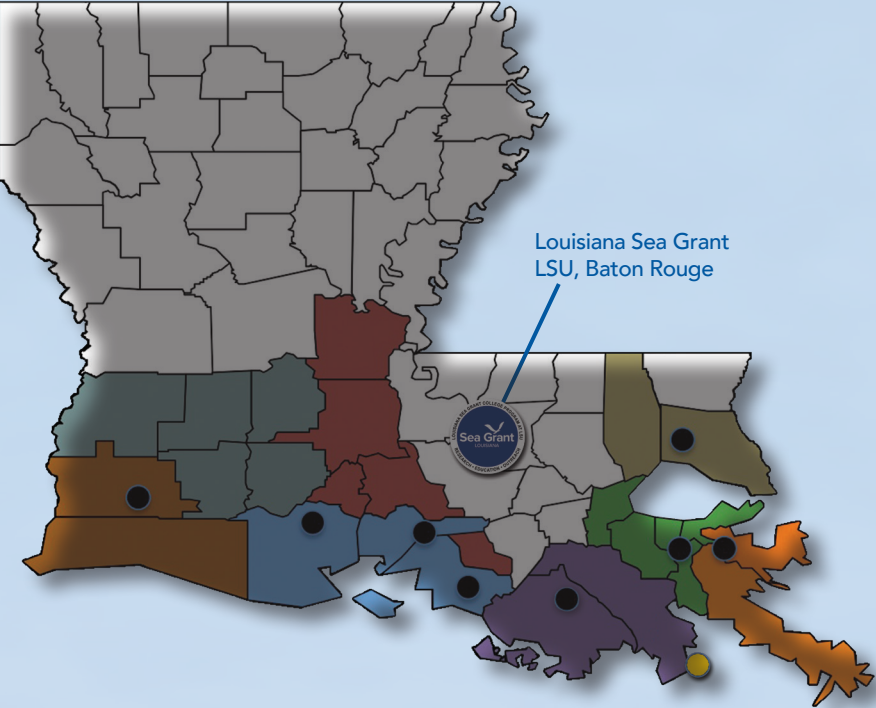
34,011 PK-12 Students and **1,415** Educators



14 Resource Managers

used ecosystem-based approaches because of Sea Grant activities


Louisiana Sea Grant Offices



Agents

- Thu Bui, Marine Agent
- Carol Franze, Marine Agent
- Albert "Rusty" Gaudé, Marine Agent
- Thomas Hymel, Marine Agent
- Haley Gambill, Marine Agent
- Jordan Poole, Marine Agent
- Dominique Seibert, Marine Agent
- Vacant, Marine Agent
- Elizabeth Robinson, Director, Oyster Research Lab
- Agent Office Location

Louisiana Sea Grant Staff Directory

**Julie Lively**
Executive Director
237 Sea Grant Building
Louisiana State University
Baton Rouge, LA 70803
julieann@lsu.edu

**Matt Bethel**
Director of Research
232 Sea Grant Building
Louisiana State University
Baton Rouge, LA 70803
mbethe3@lsu.edu

**Thu Bui**
Marine Agent
St. Mary, Iberia & Vermilion parishes
600 Main Street
2nd Floor Blevins Building
Franklin, LA 70538
tbui@agcenter.lsu.edu

**Rex Caffey**
Director of Marine Extension
179 Woodin Hall
Louisiana State University
Baton Rouge, LA 70803
rcaffey@agcenter.lsu.edu


**Melissa Trosclair Daigle**
Resiliency Specialist
218 Sea Grant Building
Louisiana State University
Baton Rouge, LA 70803
mtrosc2@lsu.edu

**Dani Dilullo**
Director of Education & Engagement
201 Sea Grant Building
Louisiana State University
Baton Rouge, LA 70803
ddiullo@lsu.edu


**Julie Falgout**
Seafood Industry Liaison
Terrebonne Parish Extension Office
521 Legion Avenue
Houma, LA 70364
jfalgout@agcenter.lsu.edu


**Carol D. Franze**
Marine Agent
St. Tammany & Tangipahoa parishes
1301 N. Florida Street
Covington, LA 70433
cfranze@agcenter.lsu.edu


**Haley Gambill**
Marine Agent
Terrebonne and Lafourche parishes
8026 Main Street, Suite 402
Houma, LA 70360
mgambill@agcenter.lsu.edu


**Albert "Rusty" Gaudé**
Marine Agent
Jefferson, Orleans, St. John & St. Charles parishes
1221 Elmwood Park Blvd. Suite 300
Jefferson, LA 70123
agaude@agcenter.lsu.edu

**M.P. Hayes**
Water Quality Specialist
219 Madison B. Sturgis Hall
Louisiana State University
Baton Rouge, LA 70803
mhayes@agcenter.lsu.edu

**Thomas Hymel**
Marine Agent
Iberia, St. Martin, Lafayette, Vermilion, St. Landry & Avoyelles parishes
P.O. Box 166
Jeanerette, LA 70544
thymel@agcenter.lsu.edu

**Roy Kron**
Director of Communications
103 Sea Grant Building
Louisiana State University
Baton Rouge, LA 70803
rkron@lsu.edu

**C. Greg Lutz**
Aquaculture Specialist
227 School of Renewable Natural Resources Building
Louisiana State University
Baton Rouge, LA 70803
glutz@agcenter.lsu.edu

**Liz McQuain**
Community Science Federal Liaison
206 Sea Grant Building
Louisiana State University
Baton Rouge, LA 70803
lizmcquain@lsu.edu

**Niki Pace**
Sustainability Coordinator
220 Sea Grant Building
Louisiana State University
Baton Rouge, LA 70803
nlpace@lsu.edu


**Jeffrey Plumlee**
Fisheries Specialist
334 Renewable Natural Resources Building
Louisiana State University
Baton Rouge, LA 70803
jplumlee@agcenter.lsu.edu

**Jordan Poole**
Marine Agent
Cameron and Calcasieu Parishes
10098 Gulf Highway
Lakes Charles, LA 70607
dpooles@agcenter.lsu.edu

**Elizabeth Robinson**
Director of Grand Isle Oyster Research Lab
135 LSU Drive
Grand Isle, LA 70358
erobi22@lsu.edu

**Dominique Seibert**
Marine Agent
Plaquemines & St. Bernard parishes
479 F. Edward Hebert Blvd., Suite 201
Belle Chasse, LA 70037
dseibert@agcenter.lsu.edu

**Evelyn Watts**
Seafood Extension Specialist
101 LSU Union Square
Louisiana State University
Baton Rouge, LA 70803
egwatts@agcenter.lsu.edu

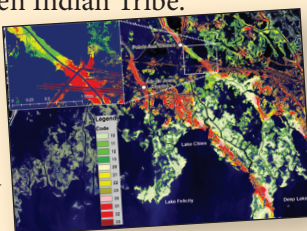
**James Wilkins**
Director of Law & Policy Program
217 Sea Grant Building
Louisiana State University
Baton Rouge, LA 70803
jwilkins@lsu.edu

Putting Science to Work for Coastal Communities



Louisiana Sea Grant contributed to an updated, detailed land loss map in response to a request from the Pointe-au-Chien Indian Tribe.

Utilizing this new map, the tribe can make better climate adaptation and protection planning decisions, as well as better communicate their related needs to others.



During extreme drought and temperatures in 2023, Louisiana Sea Grant specialists provided crawfish and crawfish/rice producers with recommendations to mitigate the unprecedented weather impacts and reduce summer mortality of crawfish broodstock. The economic benefits were \$27.3 million for crawfish aquaculture, and \$2.2 million for private ponds.

Factsheets and videos were produced by Louisiana Sea Grant to help residents and communities navigate federal disaster aid programs. These resources provide clarity on the available aid, and guide users through the process of accessing aid.



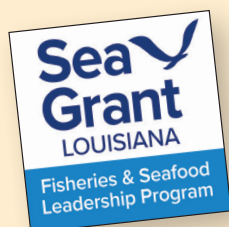
Milestones



- The Grand Isle Oyster Hatchery celebrated its Pearl Anniversary – 30 years – and in 2023 produced more than 126 million oyster larvae and seed for state restoration projects.
- Ocean Commotion celebrated 25 years and has hosted more than 43,427 K-8 students, providing hands-on educational opportunities that connect them with the state's geographical and cultural richness.



Debuting in 2023



- The Fisheries & Seafood Leadership Program (FSLP) enhances leadership in the state's commercial fishing and seafood industry.
- The Recreational Engagement and Ecological Learning Series (REELS) informs recreational fishers about coastal issues and provides ecological information.
- The Seafood Processing Demonstration Laboratory (SPDL) serves as a hub educating industry professionals and seafood enthusiasts on best practices in processing, preservation and food handling.

Research Findings

- To better assist in submerged aquatic vegetation (SAV) restoration success, researchers discovered that transplanting technique is less important than which species are targeted for restoration. These findings have been adopted into Louisiana restoration practices.
- To improve algal bloom mitigation, researchers developed a computer model allowing both scientists and community members the ability to monitor and lessen potential environmental and community effects sooner.



Photo: Jeong/LSU AgCenter

