Putting Science to Work for Coastal Communities

$91.3 Million Economic Benefit from Sea Grant Activities 2021

140 Businesses and 3,174 Jobs Created/Sustained 2021

On the front lines of coastal crisis management and recovery for:

28 Hurricanes, and the nation’s largest offshore oil spill since 2005

7,019 Attendees at Sea Grant Public and Professional Presentations 2021

4,096 PK-12 Students Reached 2021

20 People Trained and Received New HACCP Certificates 2021
Due to the COVID-19 pandemic, K-12 students had been without field trips for almost two years. Additionally, many tourism operators experienced a decline in patronage during that time. Grant funding allowed Louisiana Sea Grant to connect the two and deliver local, place-based environmental education field trips for more than 180 third and eighth graders in Plaquemines and Vermilion parishes. LSG Education and Engagement provided students and their teachers with meals, transportation, activities (such as airboat rides) and unique instructional experiences utilizing private and public tourism operators. The program, called Wetland Days, continued in St. Bernard and Terrebonne parishes later in the school year.

The Pointe-au-Chien Indian Tribe (PACIT) is employing creative strategies to adapt to the impacts of climate change. Through partnerships with Louisiana Sea Grant and others, a map-based decision support tool was developed. The Tribe uses it to inform its short and long-term resilience planning. Additionally, the maps are being used to communicate the Tribe’s restoration and protection project priorities to government officials.

Louisiana Sea Grant developed a rapid, detailed economic assessment of fisheries sector impacts resulting from four major hurricanes that made landfall in the state between August 2020 and August 2021. The assessment provides detailed documentation of $580 million in fisheries infrastructure, revenue and resource losses due to Hurricanes Laura, Delta, Zeta and Ida. The report has been cited by the state’s congressional delegation in their requests to NOAA for a Federal Fisheries Disaster Designation. The report has also been used by the Louisiana Fisheries Community Recovery Coalition (LFCRC) as the basis for more than $200 million in requests for federal aid.