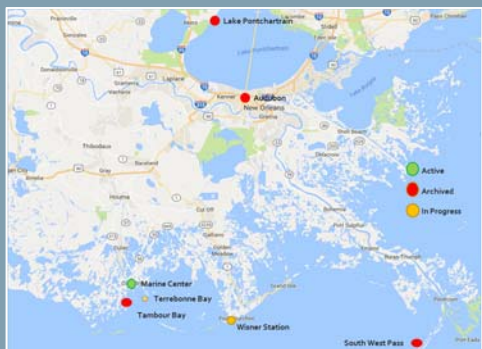


ENVIRONMENTAL MONITORING

LUMCON’s goal is to document and quantify the changing landscape by leveraging high-resolution monitoring in the coastal southeastern Louisiana region. This will include the design and implementation of scientific surveys, monitoring programs, and investigations of the chemical, geological, atmospheric, and biological environments.

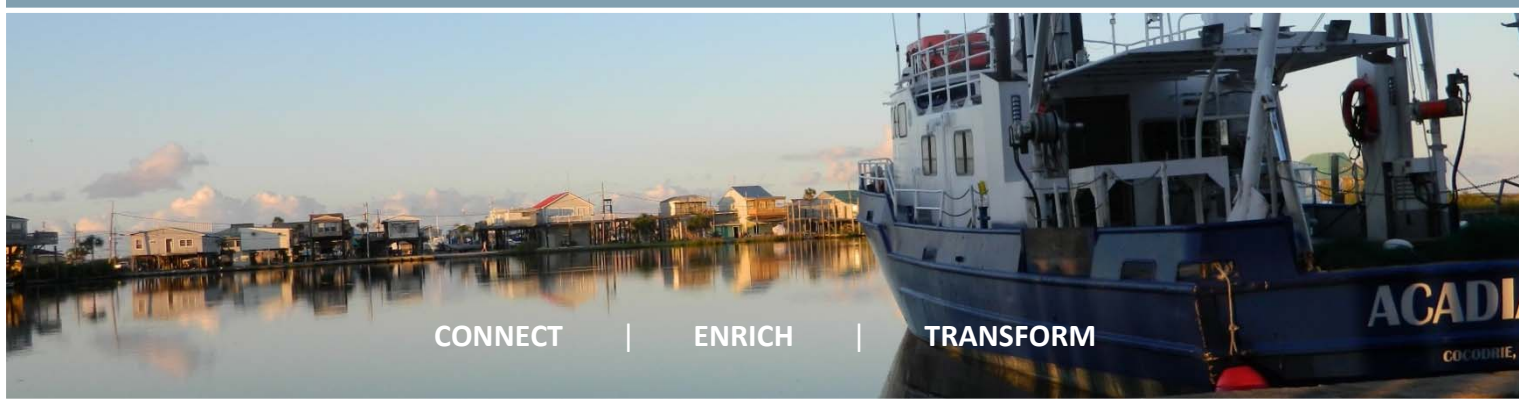
The environmental monitoring program strives to identify the changes that are occurring along Louisiana’s coast, utilizing the unique location of the DeFelice Marine Center. LUMCON’s marine center stands at the center of some of the world’s most rapidly changing environments. LUMCON can serve as leader in how society deals with some of the world’s most pressing environmental issues by providing data that quantifies that change.

LUMCON’s Environmental Monitoring program is centered around monitoring stations that are equipped with meteorological and hydrographic instrumentation. The stations collect and archive real time data. Our stations provide a community of scientists, educators, students, and the public with environmental data from Louisiana’s coast. Overseeing the operations of this program is a dedicated staff that has made it their mission to employ the latest technologies, data collection methods, and a boots-on-the-ground approach to collect a multitude of datasets to document change. The staff is also recording flooding depths and durations, erosion rates, plant and animal communities, and activities that change the way our coastal ecosystems function.



Timeline of Available Data from LUMCON’s Environmental Monitoring Stations

- Marine Center:** 2000- Present
- Terrebonne Bay:** 2000- Present
- Tambour Bay:** 2002-2011
- Audubon:** 2003-2012
- Lake Pontchartrain:** 2000-2012
- South West Pass:** 2005-2007
- Wisner Station at Fourchon:** 2018- Present



CONNECT | ENRICH | TRANSFORM