

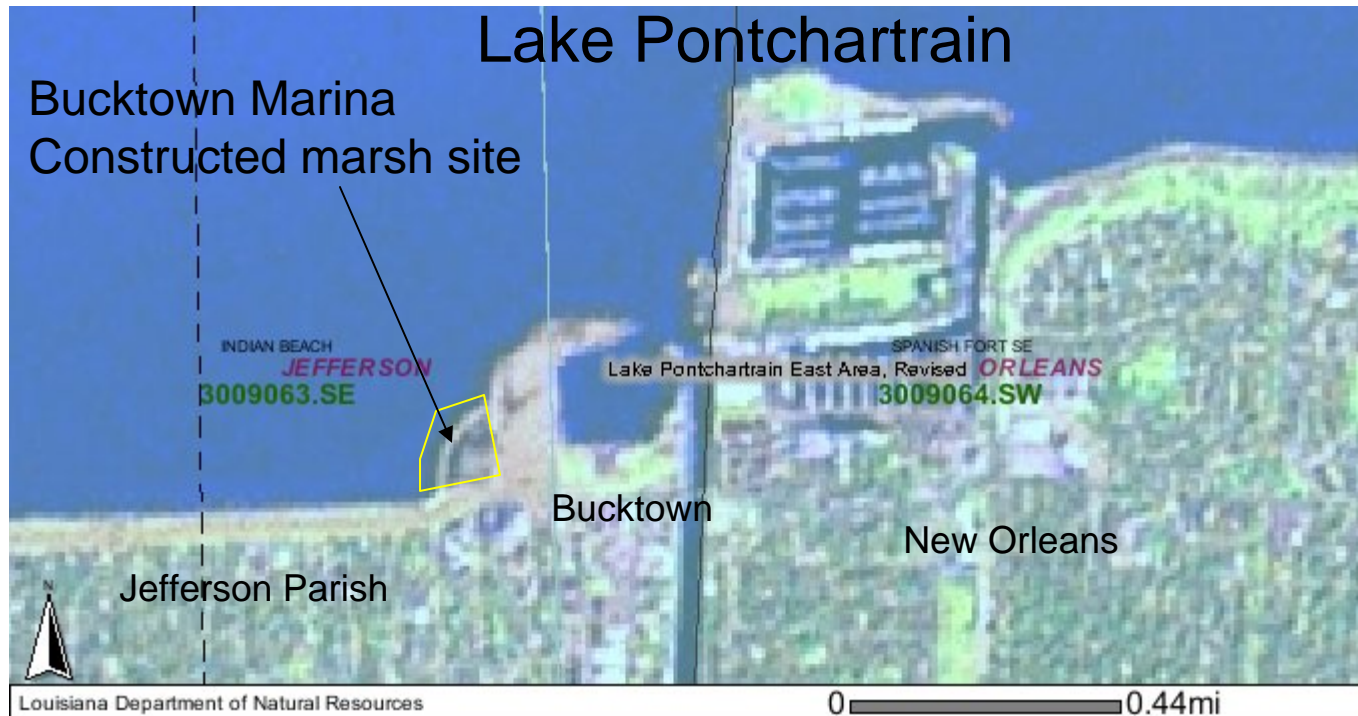
Bucktown Marsh Monitoring Project

Lake Pontchartrain, Louisiana

Phase I: Monitoring Setup

Summer 2006

Monitoring research for this project is contracted to the University of New Orleans with funds provided to the Lake Pontchartrain Basin Foundation by Shell O&G Exploration New Orleans, LA



Marsh site coordinates 30° 01' 15.7" 90° 07' 38.7" **Google Earth it!**

Bucktown Marsh Monitoring Project

A small marsh was recently created along the Lake Pontchartrain south shore. Sediment being dredged from the adjacent Bucktown harbor and was deposited in open water to an appropriate elevation for natural re-vegetation. Marsh was created in this area of Lake Pontchartrain. This marsh is similar to what existed decades along the natural lake shoreline.

The University of New Orleans was contracted to study this marsh so that future projects will be optimally designed for ecologic value and sustainability of the habitat.



Lake Pontchartrain

Bucktown Created marsh site

Levee



Lake Pontchartrain

Initial Vegetation Survey of Constructed Marsh



Plant Tissue Collection



Photosynthetic Response Survey

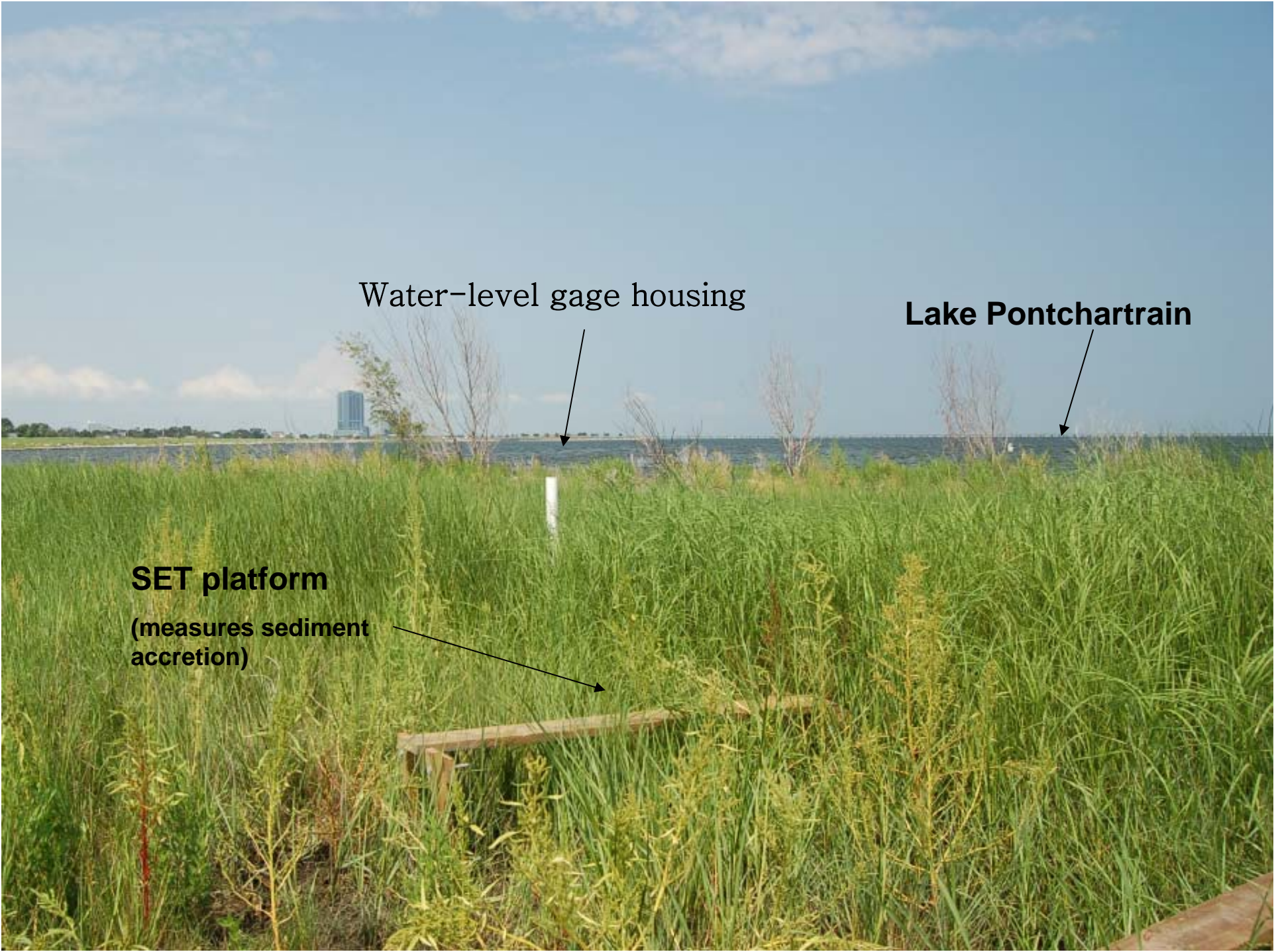


Water-level gage housing



SET platform installation





Water-level gage housing

Lake Pontchartrain

SET platform
(measures sediment accretion)

Bucktown Marsh Monitoring Project

Project management

- An initial plant survey and report was completed in 2005.
- The first report for this funding will be completed by the 1st quarter of 2007.
- A second year of monitoring is currently budgeted for 2007 after which a final report will be produced including all three years of monitoring.
- The Primary Investigator is Dr. Mark Hester.
- The Project Manager is Dr. John Lopez. johnlopez@pobox.com