

## CEER 2014 FIELD TRIP: Hurricane Buffers: Going...Going...Gone?

*Hurricane Katrina flooded the New Orleans metropolitan area because of the failure of man-made levees and flood walls. But, it was the degradation of the natural ecosystem buffer that allowed so much storm surge to reach the city. The deadly waters came through Lake Borgne into the city directly, or by overwhelming the Orleans Landbridge separating Lake Borgne and Lake Pontchartrain and then into the city. We'll see some of the natural and unnatural means Louisiana is using to save itself from future storms.*



**LOCATION:** Bayou Sauvage National Wildlife Refuge, the Orleans Landbridge & Lake Borgne

**ROUTE:** Travel by bus to Bayou Sauvage Refuge, board boats at Chef Menteur Pass, travel into Lake Borgne to survey the north shore, travel to Inner Harbor Navigation Surge Barrier, back to Chef Menteur Pass, bus back to hotel.

**ROUTE LENGTH:** 68 miles (48 miles round trip by bus, plus 20 miles boat tour)

**DEPART/RETURN:** Depart hotel at 8:00 a.m. – Arrive back at hotel at 12:30 p.m.

**TRAVEL TIME TO SITE:** 1 hour & 30 minutes (45 minutes each way)

**TIME ON SITE:** 3 hours

**TOTAL TRIP TIME:** 4 hours, 30 minutes

**FIELD TRIP CAPTAIN:** Chuck Perrodin, CPRA

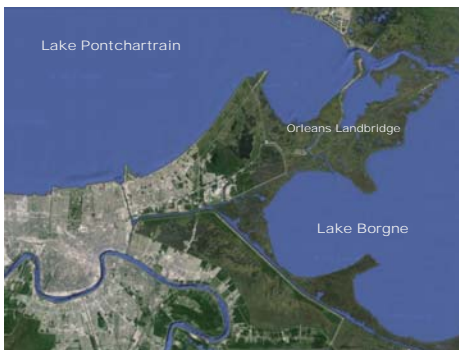
**SITE GUIDE:** Chuck Perrodin, CPRA

**OTHER:** Field Trip Captain supplies water and ice, handouts

**MAXIMUM ATTENDANCE:** 50 PEOPLE

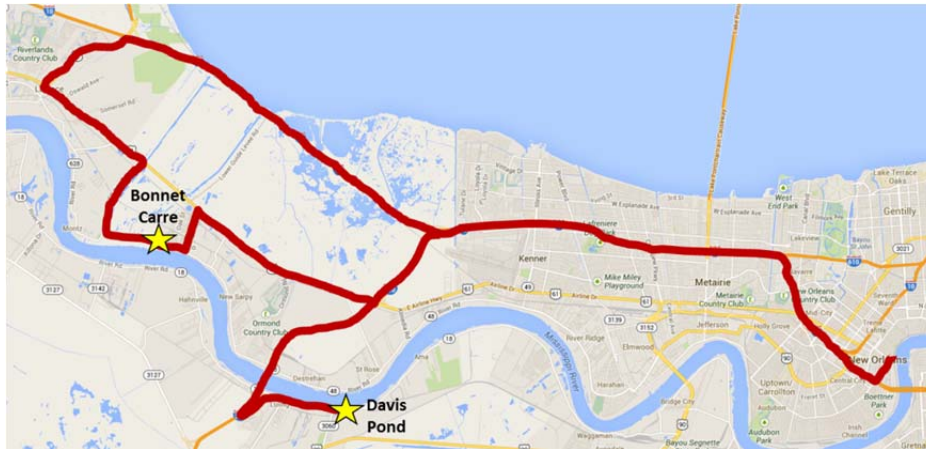
**DEADLINE TO REGISTER:** June 15 or until Trip is Full

**COST TO PARTICIPATE:** \$50.00



## **CEER 2014 FIELD TRIP: Diversionary Tactics—Reconnecting the river to the land**

Louisiana used to grow at a steady rate. Today it should be 60 square miles bigger than it was in 1930, but instead is 1,900 square miles smaller. Why? Because federal levees have completely walled off the Mississippi River and for the past 80 years Louisiana land has compacted and subsided—sunk—while waiting for new replenishing sediment that never comes. But Louisiana has a plan to mimic Mother Nature by reconnecting the Mississippi to the marsh. You can see for yourself what we're talking about during this field trip to the Bonnet Carre and Davis Pond river diversion structures.



**LOCATION:** Bonnet Carre spillway and Davis Pond, both upriver from New Orleans

**ROUTE:** Travel by bus over the spillway, to the Bonnet Carre diversion structure, across the river to the Davis Pond diversion structure and then bus back to hotel.

**ROUTE LENGTH:** 80 miles, all by bus

**DEPART/RETURN:** Depart hotel at 8:30 a.m. – Arrive back at hotel at 11:30 a.m.

**TRAVEL TIMES TO SITES:** 2 hours (:50 to Bonnet Carre, :20 to Davis Pond, :50 back to hotel)

**TIME ON SITE:** 50 minutes (25 minutes at each location)

**TOTAL TRIP TIME:** 2 hours & 50 minutes

**FIELD TRIP CAPTAIN:** Chuck Villarrubia, CPRA

**SITE GUIDE:** Chuck Villarrubia, CPRA

**OTHER:** Field Trip Captain supplies water and ice, handouts

**MAXIMUM ATTENDANCE:** 50 PEOPLE

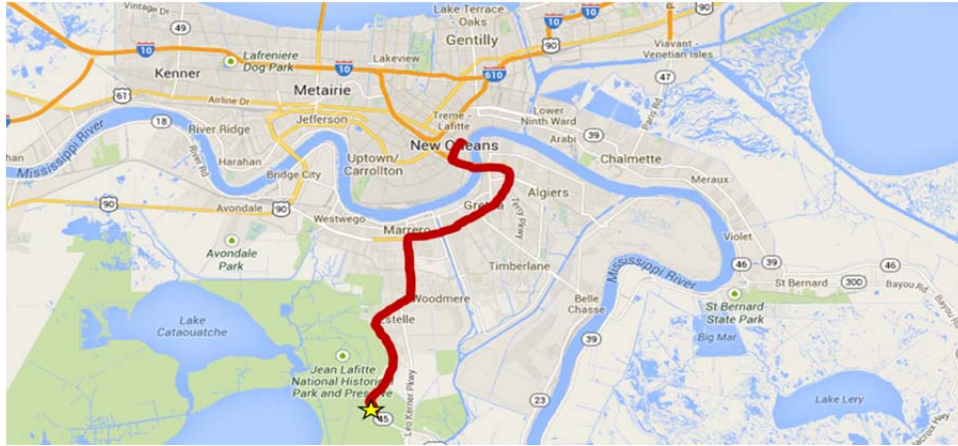
**DEADLINE TO REGISTER:** June 15 or until Trip is Full

**COST TO PARTICIPATE:** \$50.00



## CEER 2014 FIELD TRIP: Lafitte Swamp Tour

*Want to experience Louisiana's unique swamp environment without getting your feet wet? Then this is the field trip for you. You'll be up close and personal with the flora and fauna of the Barataria Preserve of the Jean Lafitte National Historical Park and Preserve directly south of New Orleans—and yes, this is where the famed buccaneer Jean Lafitte headquartered some of his most nefarious enterprises. You'll get a guided tour over boardwalk and dirt trails that wind through the preserve and get a taste of Louisiana's wild wetlands with 20,000 acres of bayous, swamps, marshes, forests, alligators, and more than 300 species of birds.*



**LOCATION:** Jean Lafitte National Historical Park and Preserve

**ROUTE:** Cross Crescent City Connection, West Bank Expressway to Hwy 45 to Park

**ROUTE LENGTH:** 16 miles (hotel to Park)

**DEPART/RETURN:** Depart hotel at 9 a.m. – Arrive back at hotel at Noon

**TRAVEL TIME TO SITE:** 1 hour (30 minutes each way)

**TIME ON SITE:** 2 hours

**TOTAL TRIP TIME:** 3 hours

**FIELD TRIP CAPTAIN:** TBD

**SITE GUIDE:** Park Service to provide an on-site guide

**OTHER:** Field Trip Captain supplies water and ice, handouts

**MAXIMUM ATTENDANCE:** 50 PEOPLE

**DEADLINE TO REGISTER:** June 15 or until Trip is Full

**COST TO PARTICIPATE:** \$50.00

