



NFWF

Gulf Environmental Benefit Fund

LOUISIANA

Adaptive Management: Louisiana River Diversions & Barrier Islands - Phase I

This investment will support elements within CPRA's Adaptive Management Program that directly benefit river diversion and barrier island restoration projects included within the Louisiana Coastal Master Plan. In 2012, the Louisiana Coastal Master Plan envisioned a comprehensive and programmatic approach to Adaptive Management. This approach will provide a structured process for making decisions over time through active learning that enables adjustments in program implementation as new information is gleaned.

This project will enable CPRA to systematically monitor and consider new information gathered in response to barrier island and river diversion project implementation, and make appropriate adjustments to planning, designing, monitoring, operating, and implementing barrier island and river diversion projects to ensure continued progress toward achieving objectives contained in the Master Plan and consistent with the plea agreements.

The elements within the Adaptive Management Program funded by this award will allow for (a) analyzing and optimizing river diversion effectiveness in the project development and operation phases and (b) the evaluation of the effectiveness of barrier island restoration efforts. Additionally, this initiative supports the operation of the Lower Mississippi River Physical Model at the Center for River Studies in Baton Rouge, Louisiana. The geographic scope of work will focus on the Pontchartrain, Breton Sound, Barataria, and Terrebonne Basins, all of which are expected to receive the benefits of river diversions and barrier island restoration and all of which experienced oiling during the Deepwater Horizon event.



Credit | Erik Zobrist, NOAA Restoration Center

The information and analysis generated by this project will enable CPRA to adjust implementation of barrier island and river diversion projects to achieve optimal impact and sustainability.

AT A GLANCE

RECIPIENT: Louisiana Coastal Protection and Restoration Authority (CPRA)

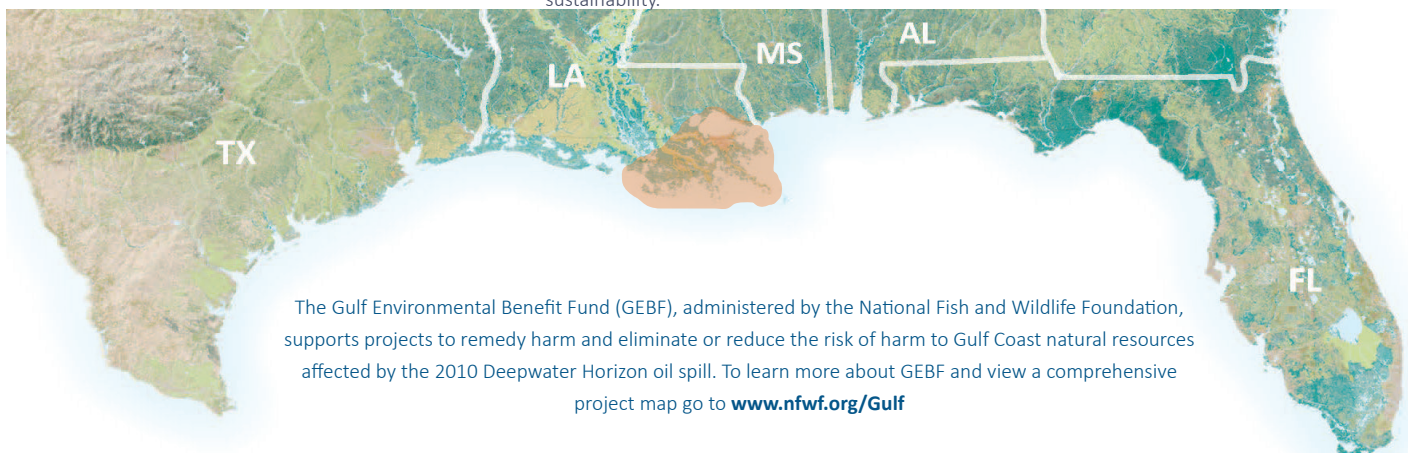
AWARD AMOUNT: \$13,247,800

LOCATION: Mississippi River delta and coastal barrier islands

AWARD DATE: November 2014

STATUS: Active

PROGRESS UPDATE: Construction of the small-scale model is complete. Visualization and calibration is ongoing. Other monitoring work continues.



The Gulf Environmental Benefit Fund (GEBF), administered by the National Fish and Wildlife Foundation, supports projects to remedy harm and eliminate or reduce the risk of harm to Gulf Coast natural resources affected by the 2010 Deepwater Horizon oil spill. To learn more about GEBF and view a comprehensive project map go to [www.nfwf.org/Gulf](http://www.nfwf.org/Gulf)