



Coastal Protection and
Restoration Authority of Louisiana

Terrebonne Basin Barrier Shoreline Restoration

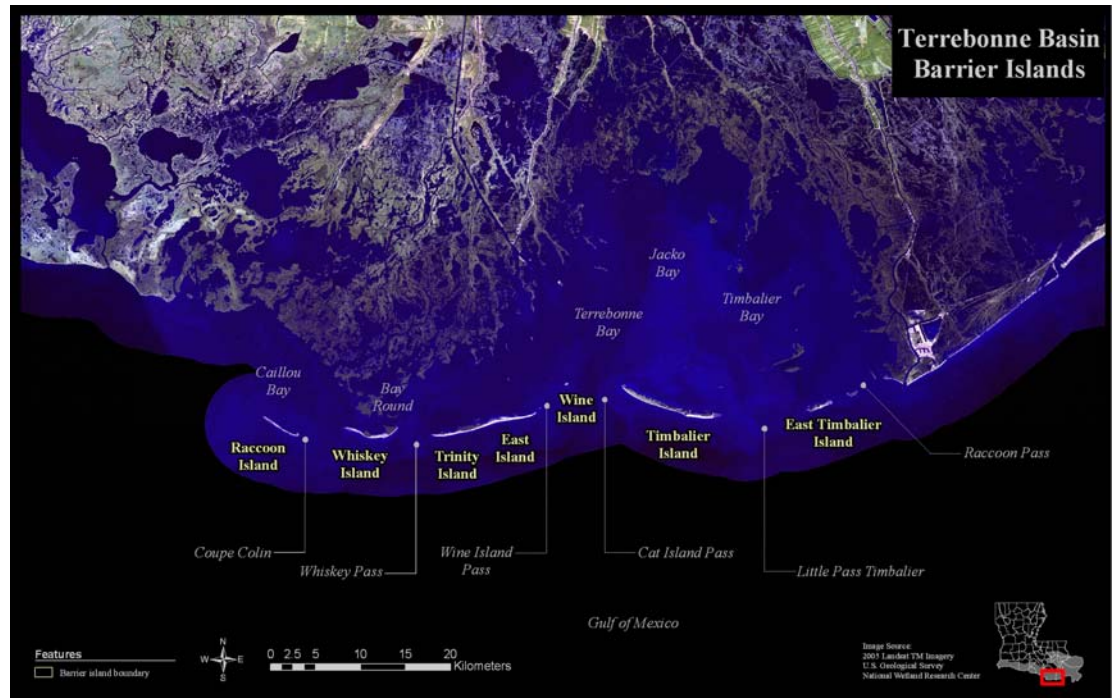
January 2013

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The Louisiana Coastal Area (LCA) program focuses on critical, near-term ecosystem restoration projects and studies, as approved in the Water Resources Development Act of 2007. The program goal is to slow the current trend of coast-wide wetland loss and resource degradation.

Several restoration techniques are employed in this program, including river diversions, marsh creation and barrier island restoration. Overall, the program is focused on a systematic approach to coastal restoration using larger projects to restore natural features and ecosystem processes.



The Terrebonne Basin Barrier Shoreline Restoration (TBBSR) project is a barrier island restoration project identified in the LCA program. It was authorized under the Water Resources Development Act of 2007 - Section 7006(e)(3)(A) and the Coastal Protection and Restoration Authority of Louisiana (CPRA) is the cost-share partner in the development and implementation of this project.

Project Location

The Terrebonne Basin Barrier Shoreline Restoration project is located within the Timbalier and Isles Dernieres barrier island chains in Terrebonne Parish and Lafourche Parish, Louisiana.

Project Goals

The goal of the TBBSR project is to decrease the continuing degradation and deterioration of the Isles Dernieres (Raccoon Island, Whiskey Island, Trinity Island, East Island, and Wine Island) and Timbalier Islands (Timbalier Island and East Timbalier Island) to achieve a sustainable coastal ecosystem that can support and protect the environment, economy, and culture of southern Louisiana and thus the Nation.

Objectives

The objective of the proposed action is to restore the geomorphic (physical) function of the barrier island. This would restore critical habitat, form, and function, and long-term sustainability of the barrier shoreline.

Project Features

As outlined in the completed report, restoration measures include hard structural measures such as a terminal groin and sand fencing. There will also be non-structural measures such as dune restoration, marsh creation, beach restoration, beach nourishment, vegetative planting, herbivory control and canal backfilling.

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The recommended plan for construction includes the restoration of Raccoon Island to its minimal geomorphologic form and ecologic function along with twenty-five (25) years of advanced fill and construction of a terminal groin. This plan also includes restoration of Whiskey and Trinity Islands to their minimal geomorphologic form and ecologic function along with five (5) years of advanced fill and restoration of Timbalier Island to its minimal geomorphologic form and ecologic function along with twenty-five (25) years of advanced fill. Approximately 5,840 acres would be restored.

Project Status

The Chief of Engineer's Report for the LCA 6 projects was signed on December 30, 2010. The Preconstruction Engineering and Design (PED) Project Management Plans have been approved by the non-federal sponsor, CPRA, and CPRA and the Corps entered into PED for this project as of December 2011.

By request of the State of Louisiana's Coastal Protection and Restoration Authority in August 2012, Preconstruction Engineering and Design for this project has been suspended.

Anyone seeking additional information on the Terrebonne Basin Barrier Shoreline Restoration project can visit the Louisiana Coastal Area program website at www.lca.gov.

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