

Southwest Coastal Louisiana Feasibility Study



Location

The Southwest Coastal Louisiana Feasibility Study area encompasses Calcasieu, Cameron and Vermilion Parishes.

Project Overview

The study is comprised of two parts: the National Ecosystem Restoration Plan and the National Economic Development Flood Risk Reduction Plan. The ecosystem restoration plan recommends nine marsh restoration projects, five shoreline protection/stabilization projects and 35 chenier reforestation projects. The flood risk reduction plan recommends elevating more than 3,400 residential structures, flood-proofing more than 340 non-residential structures and constructing berms around more than 150 warehouses.

Current Project Scope

Approximately \$1.2 million in federal and state funds have recently been allocated to initiate the pre-construction and engineering and design work for the flood risk reduction portion of the plan. This will enable CPRA and USACE to identify and prepare approximately 50 to 100 eligible structures for either elevation or flood-proofing.

Issues Addressed

The study area is at risk due to storm surge flooding and wave impacts from tropical storms. The area's low elevation, proximity to the Gulf of Mexico, land subsidence and rising sea level are expected to exacerbate coastal flooding, shoreline erosion, saltwater intrusion and loss of wetland and chenier habitats in the future.



Project Information

Project Type(s):

Other

Project ID:

LA-0020

Basins:

Calcasieu/Sabine, Mermentau, Teche/
Vermilion

Funding Program(s):

WRDA

Project Phase:

Planning

Parish(es):

Calcasieu, Cameron, Vermillion

Estimated Cost:

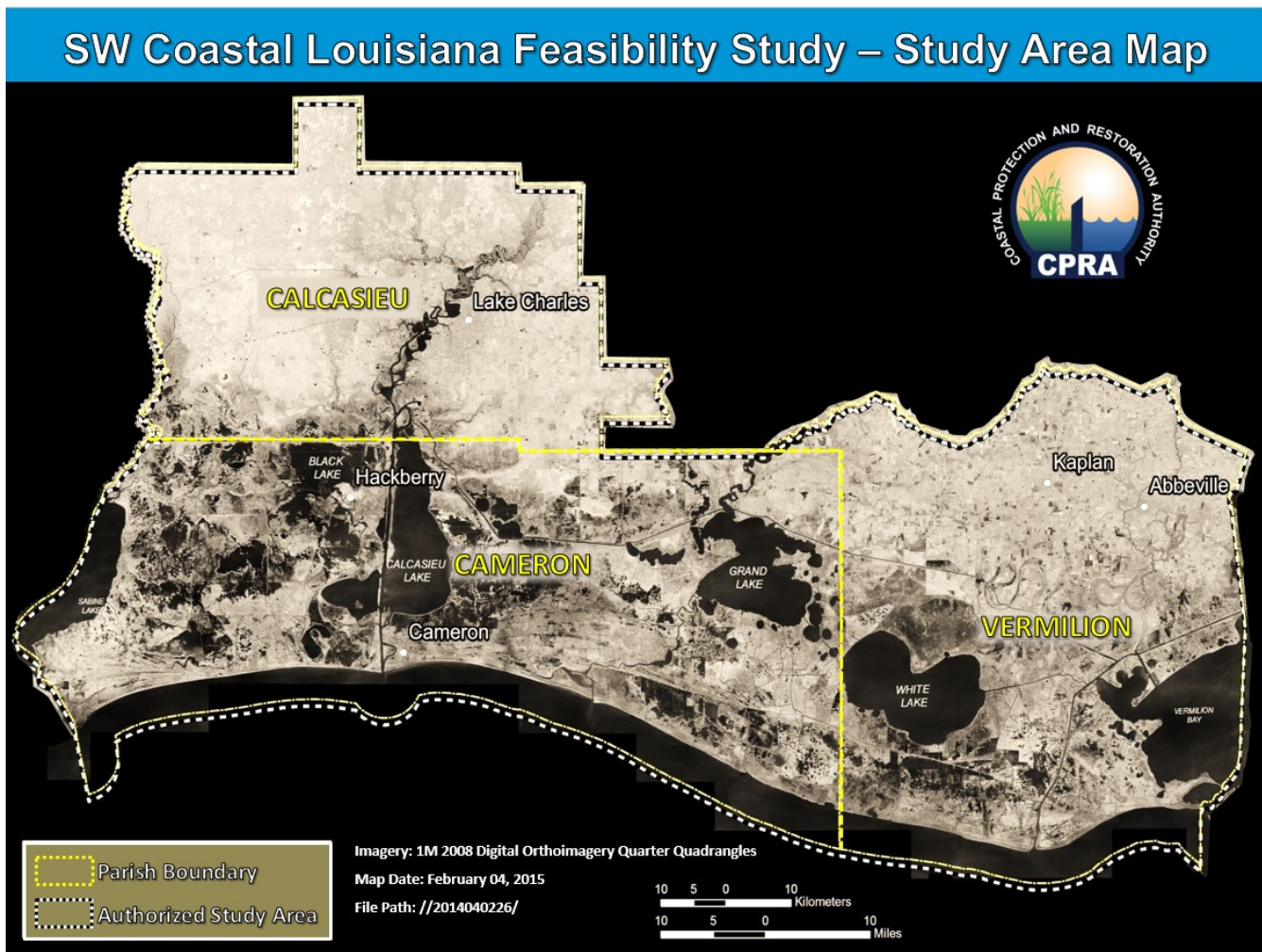
\$3.39 billion



Project Benefits

This project has two parts, the National Economic Development Flood Risk Reduction Plan (NED) and the National Ecosystem Restoration Plan (NER). The NED Plan will reduce damages associated with hurricane and coastal storm surge flooding by instituting risk reduction strategies such as flood-proofing, structural elevation, and voluntary acquisition of residential and non-residential structures. The NER Plan should significantly and sustainably reduce land loss and coastal erosion in the study area by instituting a wide range of marsh restoration, shoreline protection and reforestation projects.

Project Images



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