



US Army Corps  
of Engineers®  
New Orleans District

# Southwest Coastal Louisiana Project

## NONSTRUCTURAL COASTAL STORM DAMAGE RISK REDUCTION



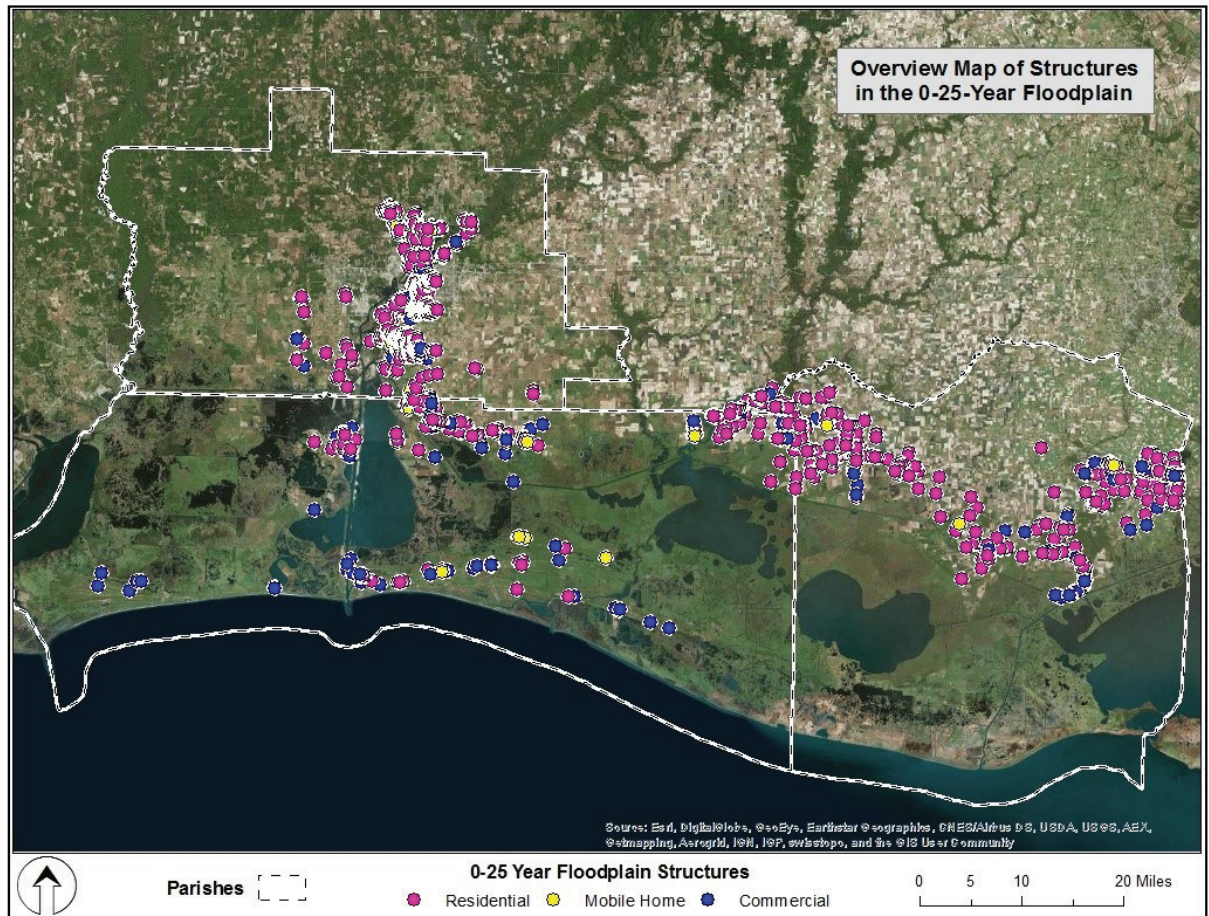
### Project Purpose and Location

The purpose of the Southwest Coastal Project is to implement localized storm surge risk reduction features to reduce hurricane surge damage to homes, commercial and public buildings, and warehouses in Calcasieu, Cameron and Vermilion Parishes. The Feasibility Study, finalized in 2016, identified nearly 4,000 structures that could be eligible for the project.

**The Project  
is 100%  
voluntary.**



**Buyouts and  
acquisitions  
are not  
part of the  
Project.**



**3,462** HOMES

**342** COMMERCIAL  
OR PUBLIC  
BUILDINGS

**157** WAREHOUSES

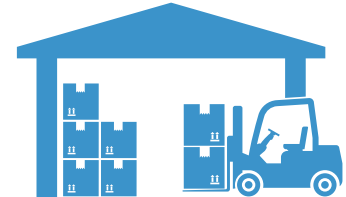
The Project includes structures at or below the 0-25 year floodplain, based on the predicted flood risk for 2075



3,462 homes will be considered for elevation equivalent to the 100-year base flood elevation based on the 2075 flood risk. The average height of elevation is estimated to be 5 feet.



342 commercial or public buildings will be considered for dry flood-proofing to 3 feet above ground.



157 warehouses will be considered for berms less than or equal to 6 feet above the ground.



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### Project Status

The Water Infrastructure Improvements for the Nation Act of 2016 [WIIN Act of 2016] authorized the Project and Federal funding for the preconstruction, engineering, and design phase was received in the fall of 2018 [\$820,000]. The U.S. Army Corps of Engineers [Corps] and the State of Louisiana through the Coastal Protection and Restoration Authority Board [CPRAB] entered into a Design Agreement on January 25, 2019 for \$1,196,000. This funding will be used for pre-construction activities while we await Federal construction funding.

The first step of project implementation is to contact the potentially eligible structure owners that were identified and documented in the April 2016 Integrated Final Feasibility Report and Environmental Impact Statement. A series of public meetings will be held to inform structure owners about the Project and benefits of project participation. **Participation in the Project is 100% voluntary.** The cost of elevation of homes, dry floodproofing of commercial or public buildings, or berms around warehouses will be cost shared between the Corps and CPRAB [at a cost share of 65% Corps and 35% CPRAB].

Because all 3,961 structures contained in the Southwest Coastal Louisiana Project database could not be addressed with the limited initial increment of federal funding, the Corps and CPRAB had to create a priority subset list of structures. Two groups of potentially eligible structures were created: [1] priority and [2] remaining.

The Priority grouping of structures are homes that are included in CPRAB's 2017 Coastal Master Plan and the Corps Final Feasibility Report, are projected to have the greatest flood risk (depths of flooding 5 feet or greater), and are located in 40% or greater low to moderate income areas [identified using clustered United States Census data that were utilized in the 2017 Coastal Master Plan].

### Next Steps for Priority Structures

In order to participate as a priority structure owner, you must complete a Structure Owner Registration Form and Right-of-Entry form. These forms are necessary to determine eligibility, verify structure ownership and to allow initial surveys be conducted to prepare for construction funding.

Project team members will contact structure owners identified as priority structures for the first phase of construction when funding is available.



**The project  
is 100%  
voluntary**

Total project cost is approximately  
**\$906,000,000** [2016 dollars] and will be  
cost shared between the Corps and CPRAB



Example of dry flood proofing of commercial structure



Example of residential home elevated

### Information

For more information about the project, or for copies of the Integrated Final Feasibility Report and Programmatic Environmental Impact Statement, please visit the project webpage:

<https://cims.coastal.louisiana.gov/outreach/Projects/SWCoastal>

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