

PLAQUEMINES PARISH



Plaquemines Parish is Louisiana's southernmost parish where the Mississippi River meets the Gulf of Mexico. The parish consists of the following Census-designated places: Belle Chasse, Boothville, Buras, Empire, Pointe à la Hache (parish seat), Port Sulphur, Triumph, and Venice. It is truly a Sportsman's Paradise with some of the best commercial and sportsman fishing areas in the world. The seafood industry is one of the leading employers in Louisiana, and Plaquemines Parish produces millions of pounds of shrimp, oysters, crabs, and fish annually. The parish also serves as a hub for the offshore oil and gas industry.

POPULATION

23,495



Information from: 1) U.S. Census Quick Facts (2015 Estimate) 2) U.S. Census (2000-2010); and 3) Plaquemines Parish Economic Development.

POPULATION CHANGE

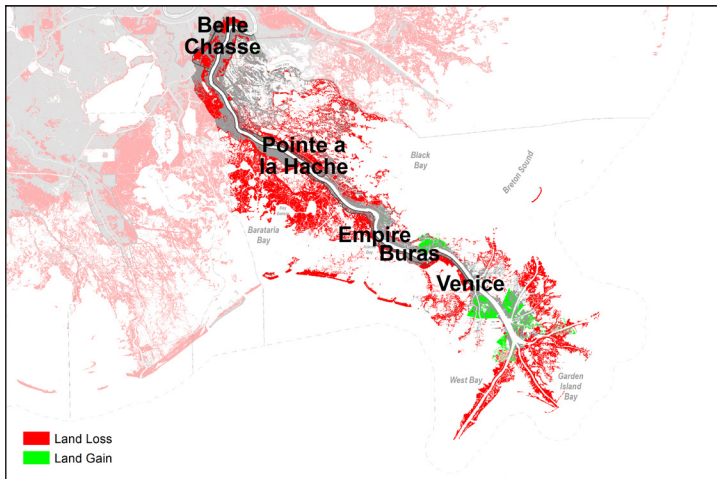
-14%

ECONOMIC DRIVERS

NAVIGATION & SHIPPING
FISHERIES
OIL & GAS

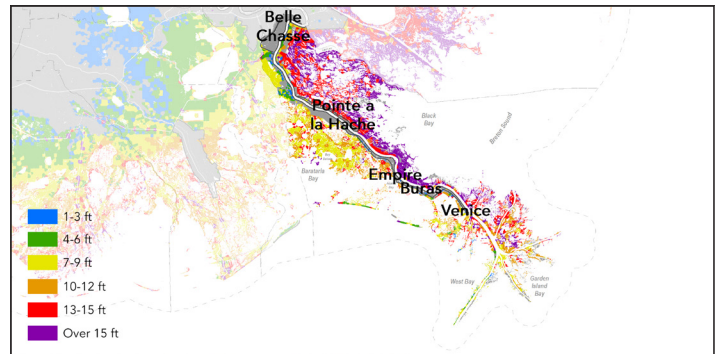
FUTURE WITHOUT ACTION LAND LOSS AND FLOOD RISK

YEAR 50, MEDIUM ENVIRONMENTAL SCENARIO

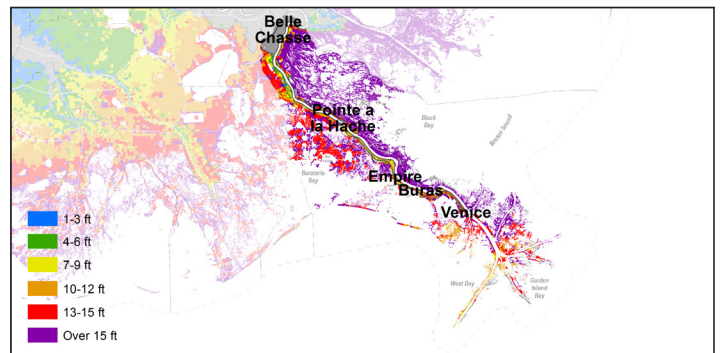


Land change (loss or gain) for year 50 under the medium environmental scenario with no future protection or restoration actions taken.

Plaquemines Parish faces extensive wetland loss over the next 50 years under the medium environmental scenario. With no further coastal protection or restoration actions, the parish could lose an additional 296 square miles, or 55% of the parish land area. Plaquemines Parish faces the second highest percent of land area loss over the next 50 years (behind St. Bernard). Additionally, with no further action, most areas of the parish outside the levee system face severe future storm surge based flood risk. Over the next 50 years (under the medium environmental scenario), 100-year flood depths increase to 13-15 feet or above in most locations except for Belle Chasse.



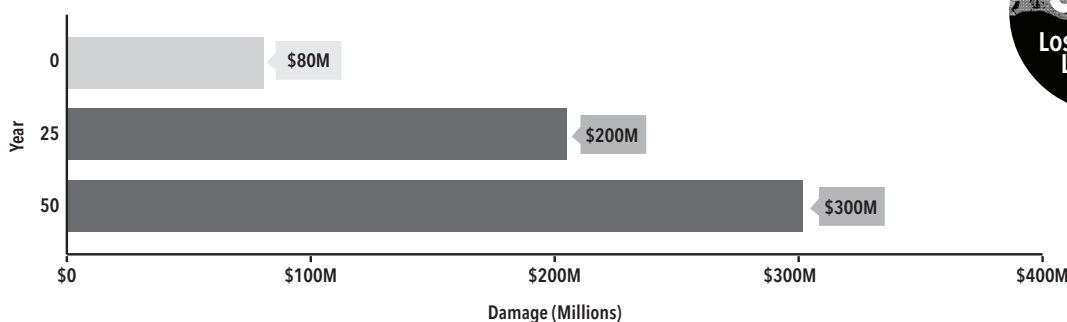
Flood depths from a 100-year storm event for initial conditions (year 0).



Flood depths from a 100-year storm event for year 50 under the medium environmental scenario with no future protection or restoration actions taken.

CURRENT & FUTURE ECONOMIC DAMAGE

FROM STORM SURGE BASED FLOODING



55%
LOSS OF PARISH
LAND AREA

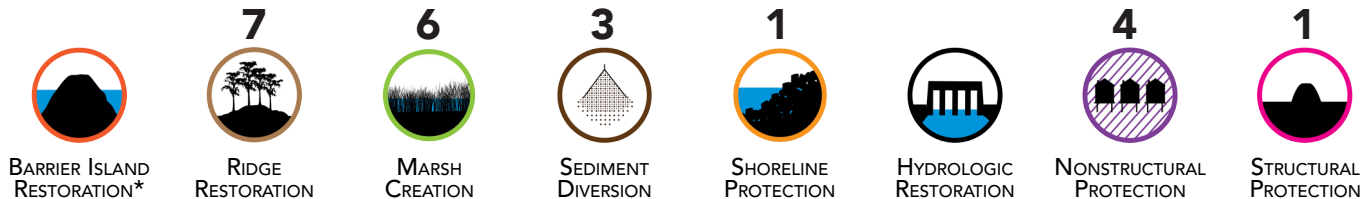
PLAQUEMINES PARISH MAY LOSE 55% OF THE PARISH LAND AREA OVER THE NEXT 50 YEARS (UNDER THE MEDIUM SCENARIO). FOR MORE INFORMATION ON LAND CHANGE, FLOOD RISK, AND RESOURCES TO REDUCE RISK, PLEASE VISIT:

**CIMS.COASTAL.LA.GOV/
MASTERPLAN**

Parish's expected annual damage (EAD) from a 100-year storm event under the medium environmental scenario with no future protection or restoration actions taken. EAD is the average amount of damage projected to occur from storm surge flood events for a community, expressed as dollars of damage per year. While every community will not flood every year, these statistical averages show the expected flood risk and the damage that would be associated with that risk.

WHAT'S IN THE 2017 COASTAL MASTER PLAN FOR PLAQUEMINES PARISH?

PROJECT TYPES



2017 MASTER PLAN PROJECTS

RISK REDUCTION PROJECTS: YEAR 1-30

- + **PLA.01N:** West Bank Nonstructural Risk Reduction
- + **PLA.02N:** Braithwaite Nonstructural Risk Reduction
- + **PLA.03N:** Grand Bayou Nonstructural Risk Reduction
- + **PLA.05N:** Phoenix/Pointe A La Hache Nonstructural Risk Reduction

RISK REDUCTION PROJECTS: YEAR 31-50

- + **001.HP.04:** Greater New Orleans High Level

RESTORATION PROJECTS: YEAR 1-10

- + **001.DI.02:** Lower Breton Diversion
- + **001.DI.104:** Mid-Breton Sound Diversion
- + **002.DI.102:** Mid-Barataria Diversion
- + **001.RC.100:** Bayou Terre aux Boeufs Ridge Restoration
- + **001.RC.103:** Carlisle Ridge Restoration
- + **002.RC.101:** Adams Bay Ridge Restoration
- + **002.RC.102:** Bayou Eau Noire Ridge Restoration
- + **002.RC.103:** Grand Bayou Ridge Restoration
- + **002.SP.100:** Lake Hermitage Shoreline Protection

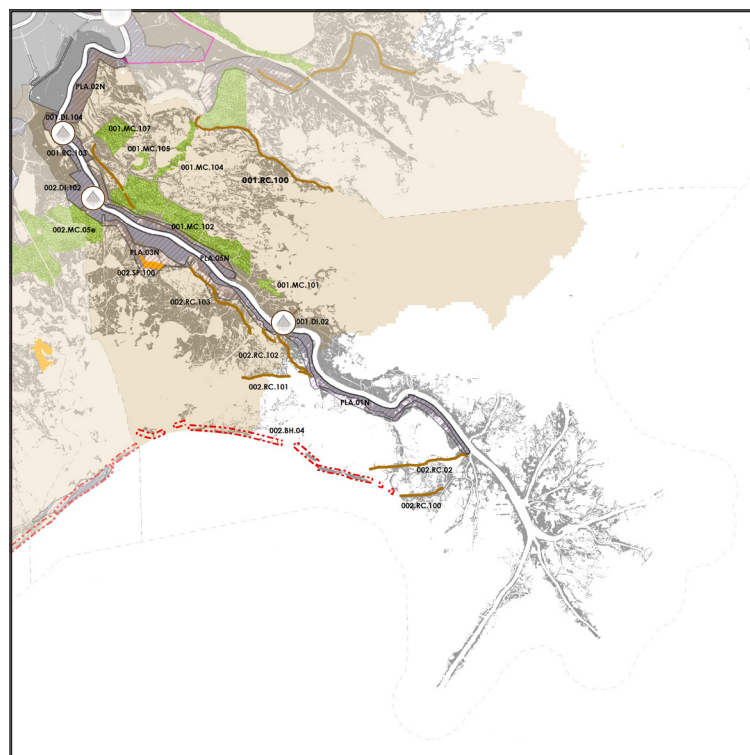
RESTORATION PROJECTS: YEAR 11-30

- + **001.MC.102:** Pointe a la Hache Marsh Creation*
- + **001.MC.104:** East Bank Land Bridge Marsh Creation
- + **001.MC.105:** Spanish Lake Marsh Creation
- + **001.MC.107:** Tiger Ridge/Maple Knoll Marsh Creation
- + **002.MC.05e:** Large-Scale Barataria Marsh Creation - Comp E
- + **002.RC.02:** Spanish Pass Ridge Restoration
- + **002.RC.100:** Red Pass Ridge Restoration

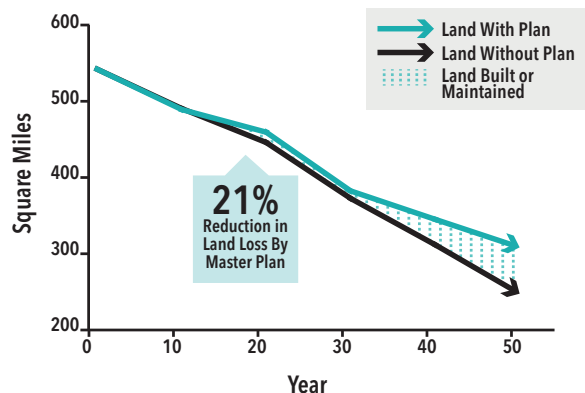
RESTORATION PROJECTS: YEAR 31-50

- + **001.MC.101:** Uhlman Bay Marsh Creation
- + **001.MC.102:** Pointe a la Hache Marsh Creation*

Note: Projects with a (*) designate the implementation of a portion of a larger marsh creation project. Barrier islands and headlands will be addressed through CPRA's Barrier Island Program.

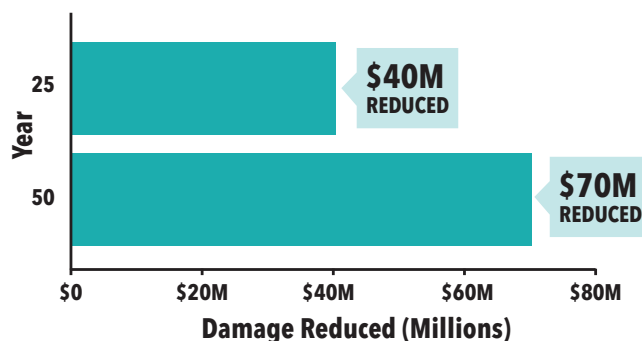


FUTURE LAND CHANGE



Land area (square miles) over time in parish with and without the 2017 Coastal Master Plan projects under the medium environmental scenario.

REDUCTION IN ECONOMIC DAMAGE



Reduction in parish's expected annual damage (EAD) over time with the implementation of the 2017 Coastal Master Plan projects under the medium environmental scenario.

FOR MORE INFORMATION ABOUT THE 2017 COASTAL MASTER PLAN AND PROTECTION AND RESTORATION PROJECTS IN YOUR PARISH, PLEASE VISIT:
COASTAL.LA.GOV/OUR-PLAN/2017-COASTAL-MASTER-PLAN/