

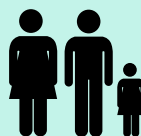
# CALCASIEU PARISH



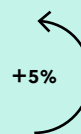
Calcasieu Parish is one of Louisiana's westernmost coastal parishes and includes Lake Charles, Calcasieu Lake, and the Calcasieu River. Calcasieu Parish has experienced moderate population growth as well as rapid industrial expansion. The parish seat and largest city is Lake Charles, and other more populous towns include Sulphur, DeQuincy, and Westlake. Economic growth has long been driven by the petrochemical industry, as well as the more recent rise of the aerospace and gaming industries.

## POPULATION

198,788



## POPULATION CHANGE



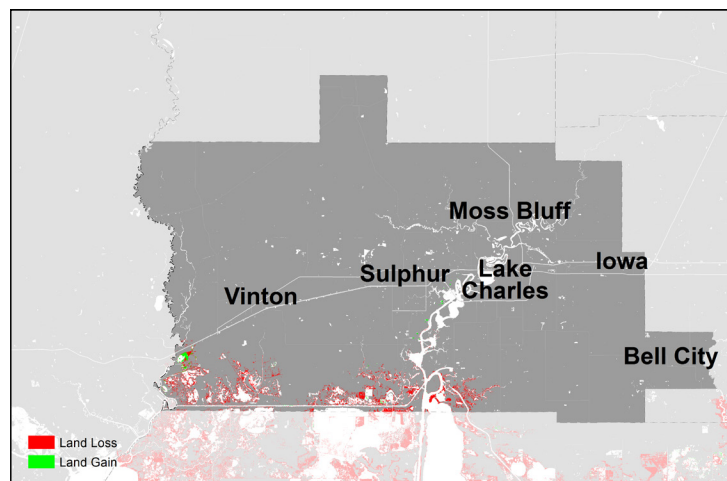
## ECONOMIC DRIVERS

**PETROCHEMICALS  
NAVIGATION  
AEROSPACE  
GAMING**

Information from: 1) U.S. Census Quick Facts (2015 Estimate) 2) U.S. Census (2000-2010); and 3) Southwest Louisiana Economic Alliance.

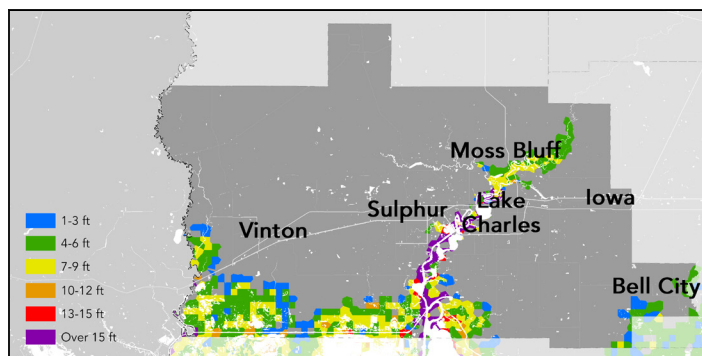
## FUTURE WITHOUT ACTION LAND LOSS AND FLOOD RISK

### YEAR 50, MEDIUM ENVIRONMENTAL SCENARIO

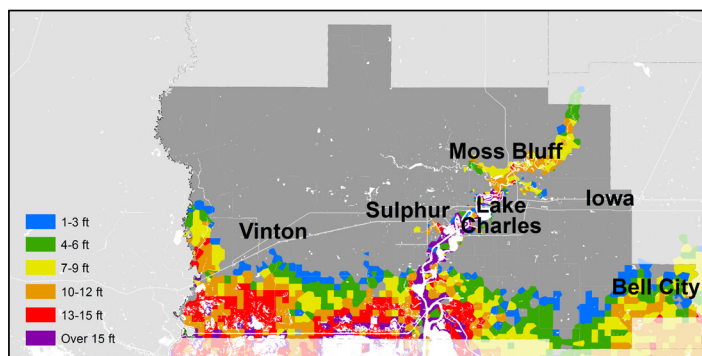


Land change (loss or gain) for year 50 under the medium environmental scenario with no future protection or restoration actions taken.

Calcasieu Parish faces minimal wetland loss over the next 50 years under the medium environmental scenario with no further coastal protection or restoration actions. However, the parish faces some increased future storm surge based flood risk with no further action. Over the next 50 years (under the medium environmental scenario), 100-year flood depths could increase to 15 feet or higher in southern areas of the parish and along Lake Charles, Calcasieu Lake, and the Calcasieu River. The towns of Lake Charles, Moss Bluff, and Bell City are particularly at risk of increased future flood depths, while coastal flooding also encroaches closer to Vinton.



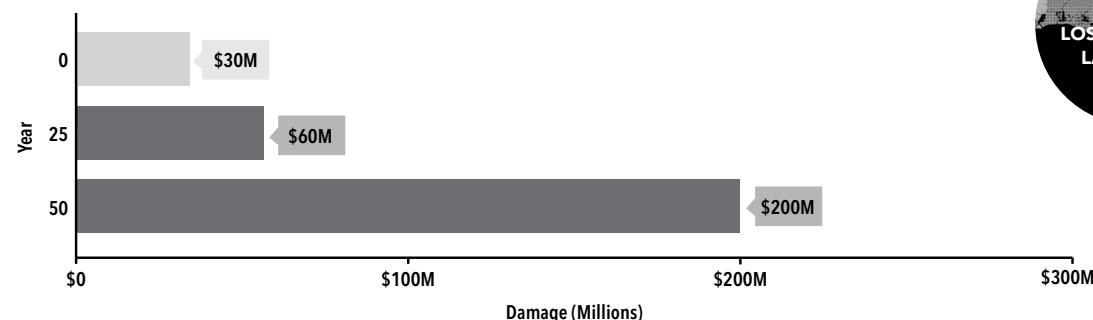
Flood depths from a 100-year storm event for initial conditions (year 0).



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



**CALCASIEU PARISH**  
FACES MINIMAL  
WETLAND LOSS  
OVER THE NEXT 50  
YEARS (UNDER THE  
MEDIUM SCENARIO).

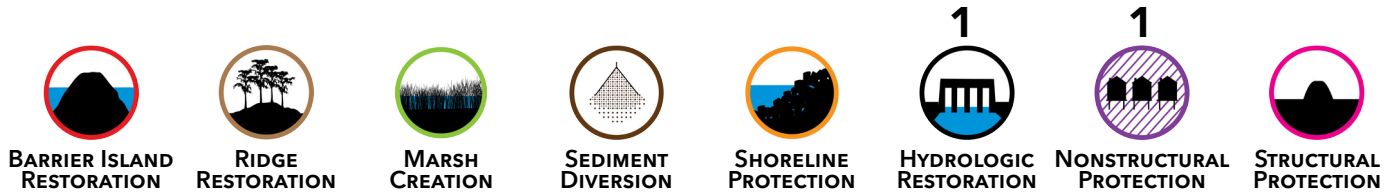
FOR MORE INFORMATION  
ON LAND CHANGE, FLOOD  
RISK, AND RESOURCES TO  
REDUCE RISK, PLEASE VISIT:

**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 CALCASIEU PARISH?

## PROJECT TYPES



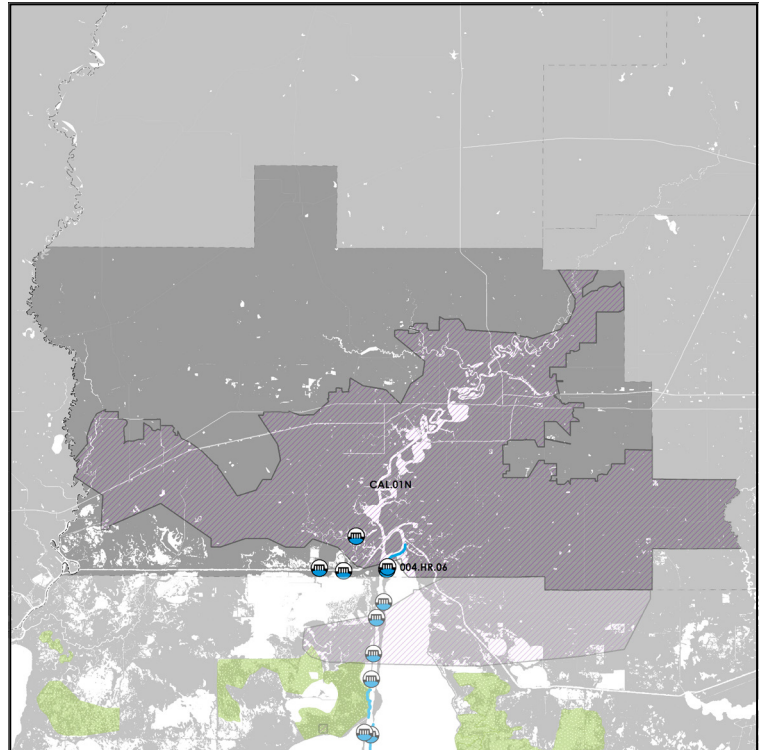
## 2017 MASTER PLAN PROJECTS

### RISK REDUCTION PROJECTS: YEAR 1-30

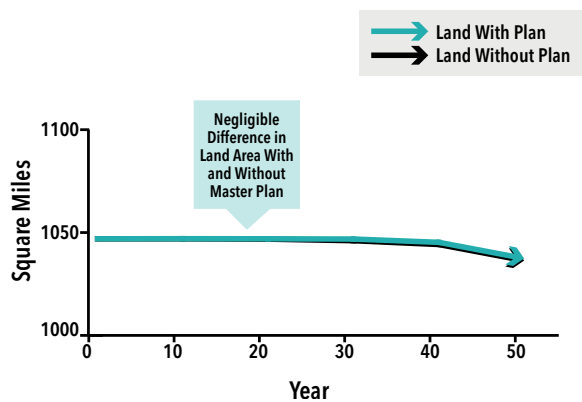
+ CAL.01N: Calcasieu Nonstructural Risk Reduction

### RESTORATION PROJECTS: YEAR 1-10

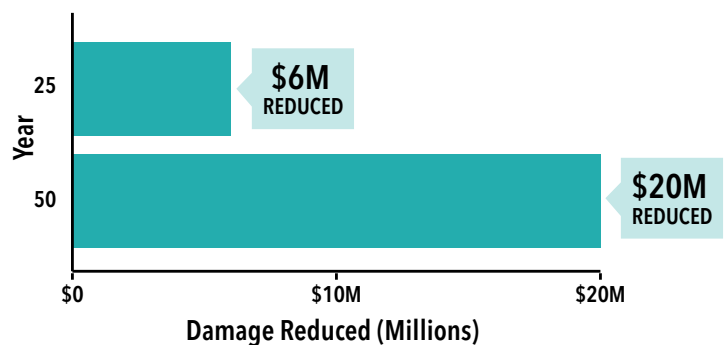
+ 004.HR.06: Calcasieu Ship Channel Salinity Control Measures



## FUTURE LAND CHANGE



## REDUCTION IN ANNUAL ECONOMIC DAMAGE



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/](http://COASTAL.LA.GOV/OUR-PLAN/2017-COASTAL-MASTER-PLAN/)