### **IBERIA PARISH**

Iberia Parish is located along the Gulf of Mexico, west of Morgan City, and in the heart of "Cajun Country." The largest town and parish seat is New Iberia, and other towns and communities include Jeanerette, Loreauville, Delcambre, and Avery Island. The eastern half of the parish extends across Lake Fausse Pointe State Park and the Attakapas Island Wildlife Management Area. Located on a salt dome, Avery Island is known for its famous Tabasco pepper sauce.



POPULATION CHANGE



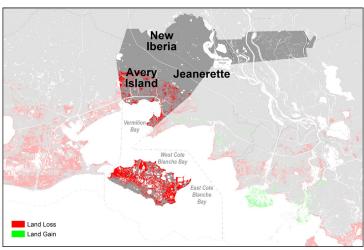
ECONOMIC DRIVERS

Transportation
Navigation
Industry
Airports

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

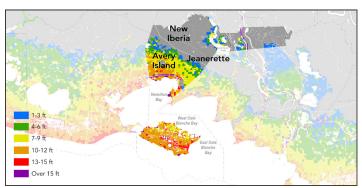
#### FUTURE WITHOUT ACTION LAND LOSS AND FLOOD RISK

YEAR 50, MEDIUM ENVIRONMENTAL SCENARIO

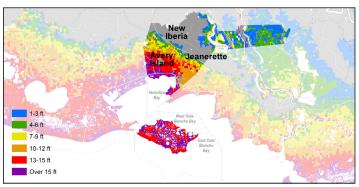


Land change (loss or gain) for year 50 under the medium environmental scenario with no future protection or restoration actions taken.

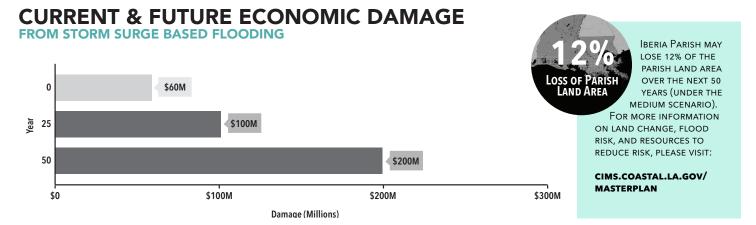
Iberia Parish faces some increased wetland loss in southern areas of the parish over the next 50 years under the medium environmental scenario. With no further coastal protection or restoration actions, the parish could lose an additional 64 square miles, or 12% of the parish land area, with impacts to coastal towns. Likewise, with no further action, the parish faces severely increased future storm surge based flood risk. Over the next 50 years, 100-year flood depths increase to 15 feet and above near Avery Island (under the medium environmental scenario). Flood depths ranging between 3-12 feet also encroach upon New Iberia and Jeanerette.



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.



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 IBERIA PARISH?

#### **PROJECT TYPES**



BARRIER ISLAND RESTORATION



RIDGE RESTORATION



Marsh Creation



SEDIMENT DIVERSION



SHORELINE PROTECTION



HYDROLOGIC RESTORATION



Nonstructural Protection



STRUCTURAL PROTECTION

#### **2017 MASTER PLAN PROJECTS**

RISK REDUCTION PROJECTS: YEAR 1-30

+ 03b.HP.14: Iberia/St Mary Upland Levee

+ **004.HP.15:** Abbeville and Vicinity Hurricane Protection

+ IBE.01N: Lower Iberia Nonstructural Risk Reduction

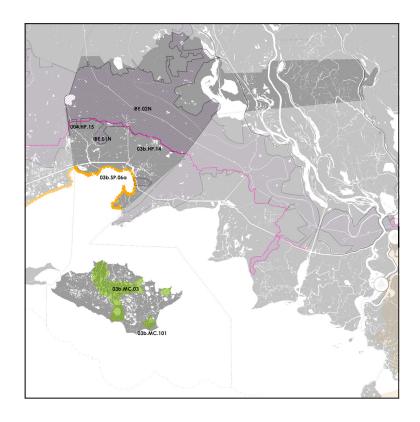
+ IBE.02N: Iberia Nonstructural Risk Reduction

RESTORATION PROJECTS: YEAR 11-30

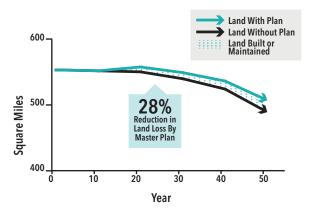
+ 03b.MC.03: Marsh Island Marsh Creation

+ 03b.MC.101: Southeast Marsh Island Marsh Creation + 03b.SP.06a: Vermilion Bay and West Cote Blanche Bay

Shoreline Protection (Critical Areas)

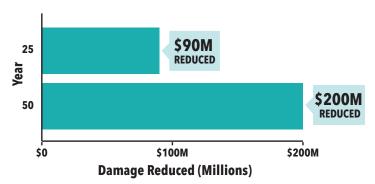


#### **FUTURE LAND CHANGE**



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

## REDUCTION IN ANNUAL 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/