#### PARISH FACT SHEET

# VERMILION PARISH

Vermilion Parish is located in south central Louisiana and includes the communities of Abbeville (parish seat), Delcambre, Erath, Gueydan, Kaplan, and Maurice. The parish is known for its fresh seafood, bountiful agriculture, and a rich history of cultural and eco-tourism. Vermilion Parish is immediately adjacent to the Gulf of Mexico, making it ideal for the numerous companies needed to serve the region's oil and gas industry.



#### POPULATION CHANGE



ECONOMIC DRIVERS

Agriculture Fisheries Seafood Industry Service to Oil & Gas

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.

Vermilion Parish faces increased 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 186 square miles, or 17% of the parish land area. In addition, with no further action, the southern portion of the parish faces significantly increased future storm surge based flood risk where 100-year flood depths increase to 15 feet and above in some areas over the next 50 years (under the medium environmental scenario). Flood depths shift inland and flood depths increase to 7-12 feet near Erath, and increase to 1-9 feet near Gueydan, Kaplan, and Abbeville.



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



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 **VERMILION PARISH?**

### PROJECT TYPES









PROTECTION

STRUCTURAL PROTECTION

# 2017 MASTER PLAN PROJECTS

#### **RISK REDUCTION PROJECTS: YEAR 1-30**

- + VER.01N: Vermilion Nonstructural Risk Reduction
- + VER.02N: Abbeville/Delcambre Nonstructural Risk Reduction

#### **RISK REDUCTION PROJECTS: YEAR 31-50**

+ 004.HP.15: Abbeville and Vicinity

#### **RESTORATION PROJECTS: YEAR 1-10**

- + 03b.MC.07: East Rainey Marsh Creation
- + 004.MC.100: Freshwater Bayou North Marsh Creation
- + 004.MC.101: Freshwater Bayou South Marsh Creation
- + 03b.SP.01: Freshwater Bayou Shoreline Protection (Belle Isle Canal to Lock)
- + 03b.SP.06a: Vermilion Bay and West Cote Blanche Bay Shoreline Protection (Critical Areas)
- + 004.SP.03: Freshwater Bayou Canal Shoreline Protection
- + 004.SP.05a: Gulf Shoreline Protection (Calcasieu River to Rockefeller)

#### **RESTORATION PROJECTS: YEAR 11-30**

- + 004.MC.07: West Rainey Marsh Creation
- + 004.MC.16: East Pecan Island Marsh Creation
- + 004.MC.102: White Lake Marsh Creation

#### **RESTORATION PROJECTS: YEAR 31-50**

- + 004.RC.02: Cheniere au Tigre Ridge Restoration
- + 004.RC.03: Pecan Island Ridge Restoration

# 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/