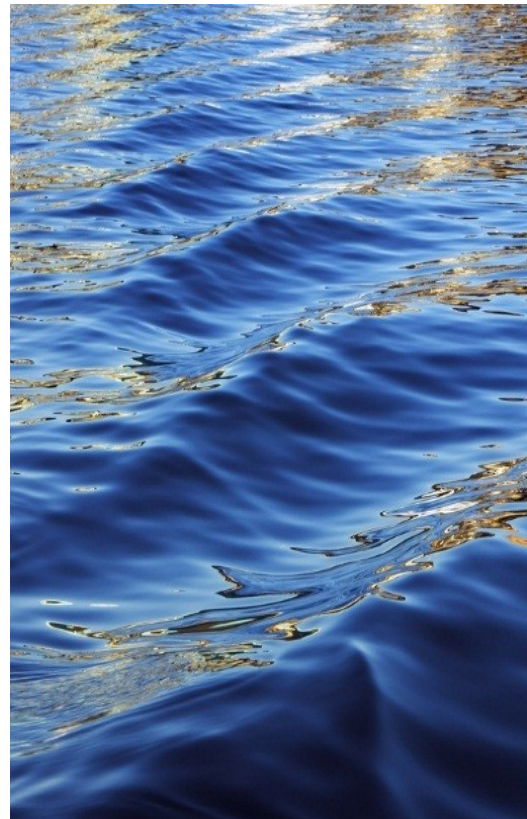


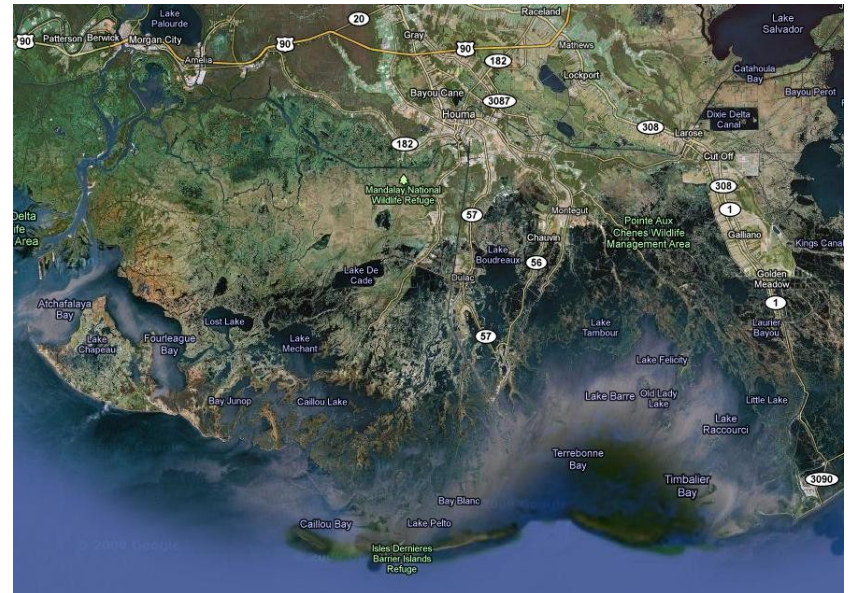


# Restoring the Good Earth



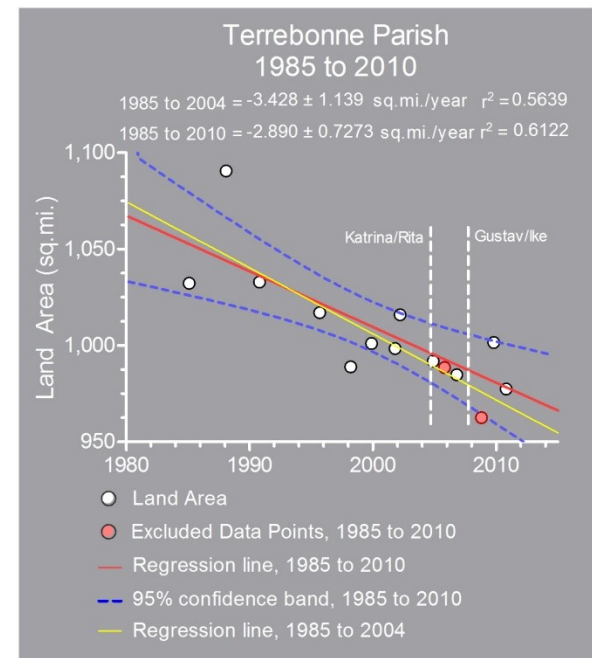
# Terrebonne Basin Geography

- 2<sup>nd</sup> Largest Parish in Louisiana
- Lost 338 mi<sup>2</sup> from 1956-2005
- Habitat:
  - 190,000 acres Fresh Marsh
  - 98,000 acres Intermediate Marsh
  - 170,000 acres Saline Marsh

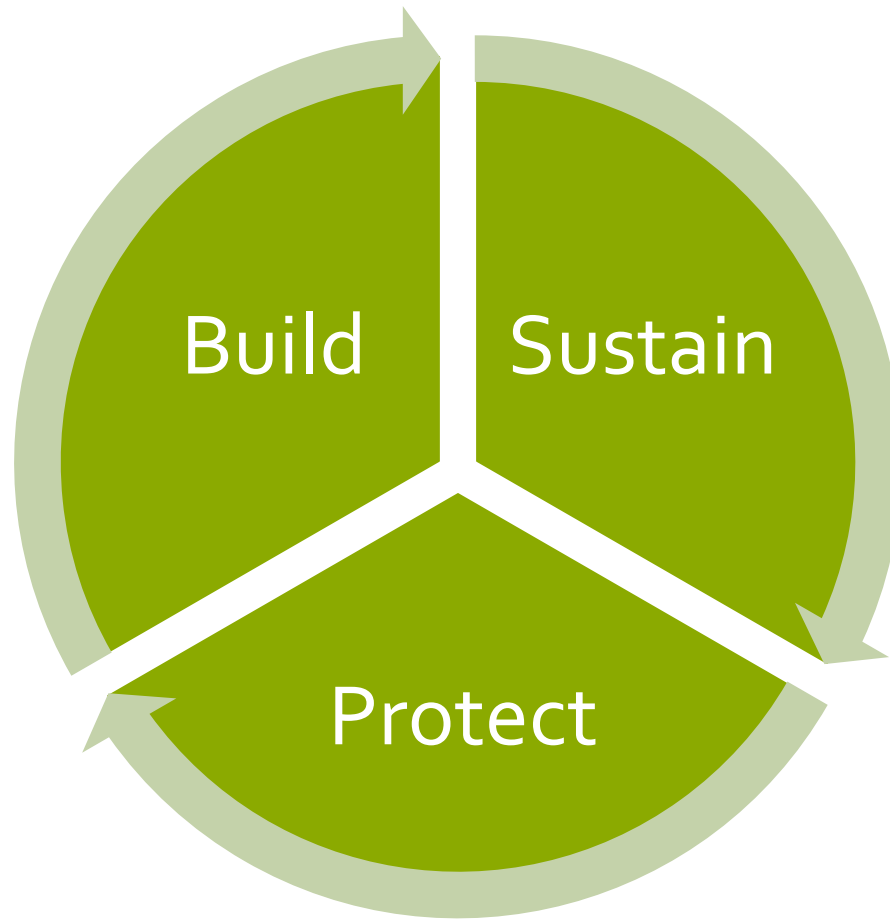


# Terrebonne Parish Land Loss

- Between 1985 & 2012, lost 1 football field every 5 hrs.
- Since 1932, Terrebonne has lost net total of 356 mi<sup>2</sup>  
--more than New Orleans, Baton Rouge, Metairie, Lafayette, Houma, and Thibodaux combined
- State of Louisiana losing 1 football field every hour
- 1/5 of LA's land loss occurs in Terrebonne



# How Do We Win the Fight?



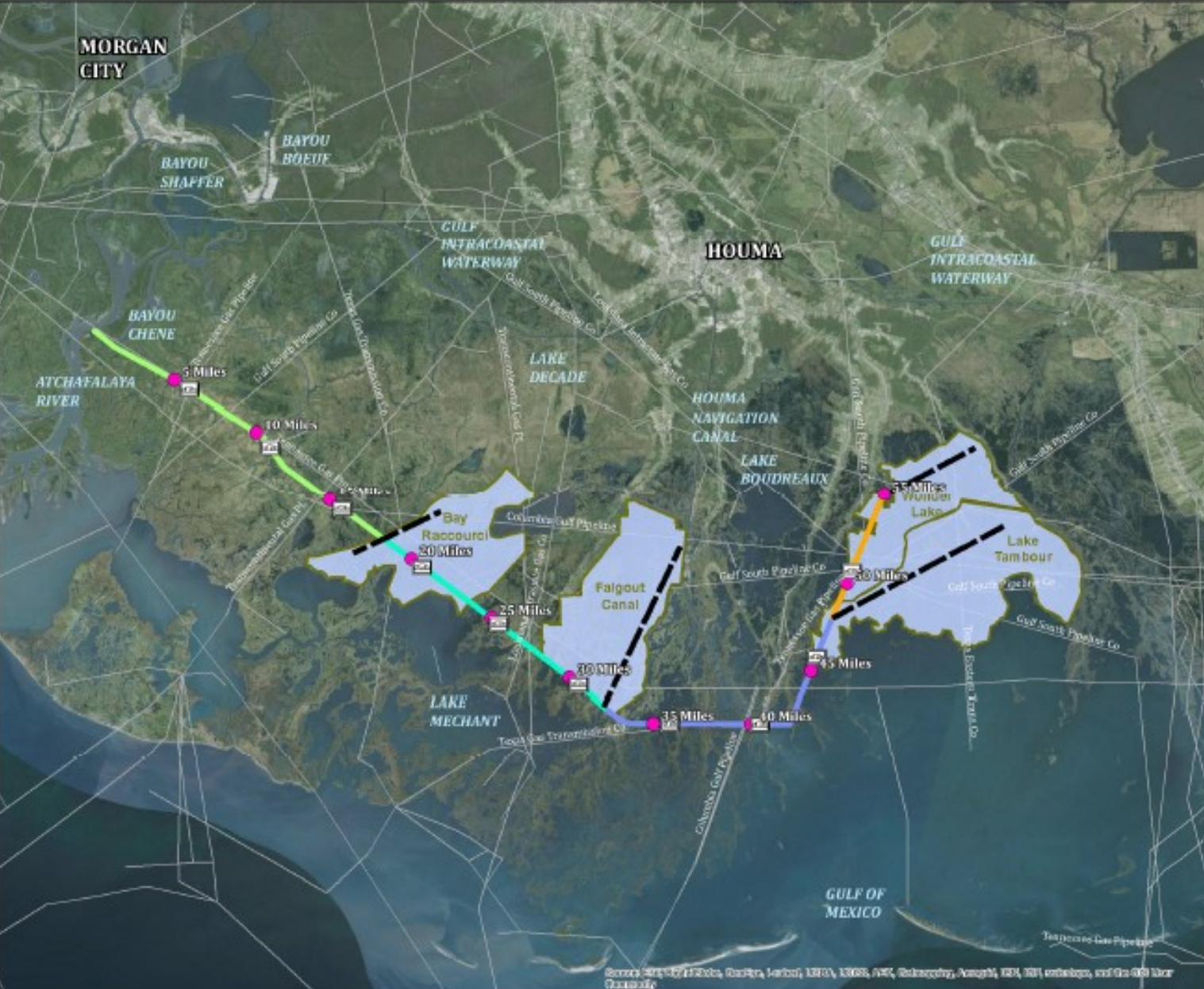


# What have we been up to?



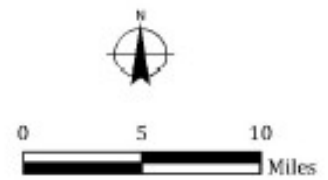


# Atchafalaya Long Distance Sediment Pipeline



**Legend**

- Placement Area
- 50 Booster Station
- Five Mile Marker
- Lateral
- U.S. Natural Gas Pipelines
- Tennessee Gas Pipeline Corridor
- Segment 1
- Segment 2
- Segment 3
- Segment 4



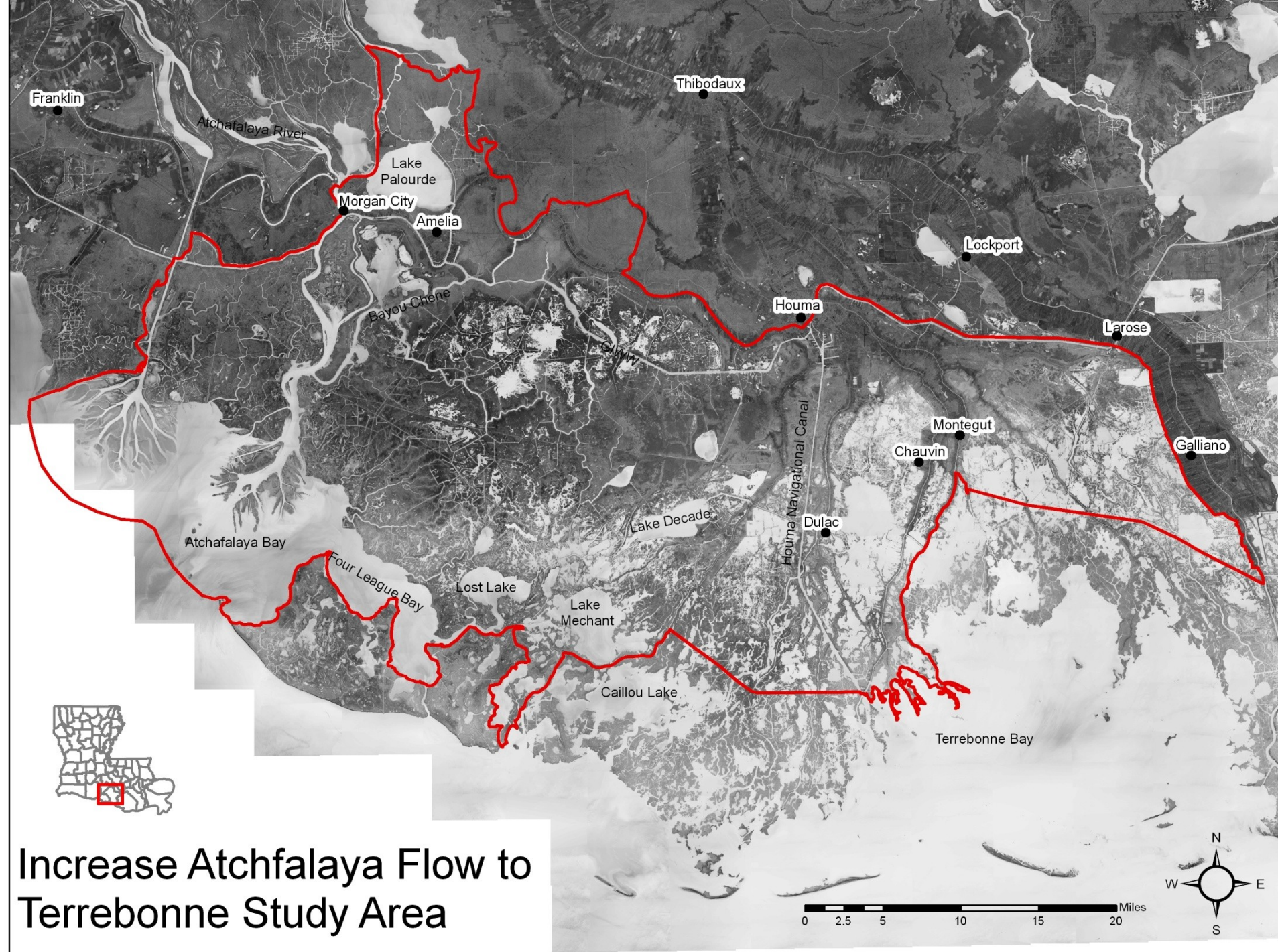
TERREBONNE PARISH GOVERNMENT  
TERREBONNE PARISH, LA

**FIGURE NUMBER**  
5-10

**TERREBONNE PARISH**  
Booster Station  
Location Map

Source: EPA, USGS, FZS, Rockledge, LBRP, USGS, AEC, Rockledge, Acushnet, BEA, BEI, and others, and the CBI User Community.

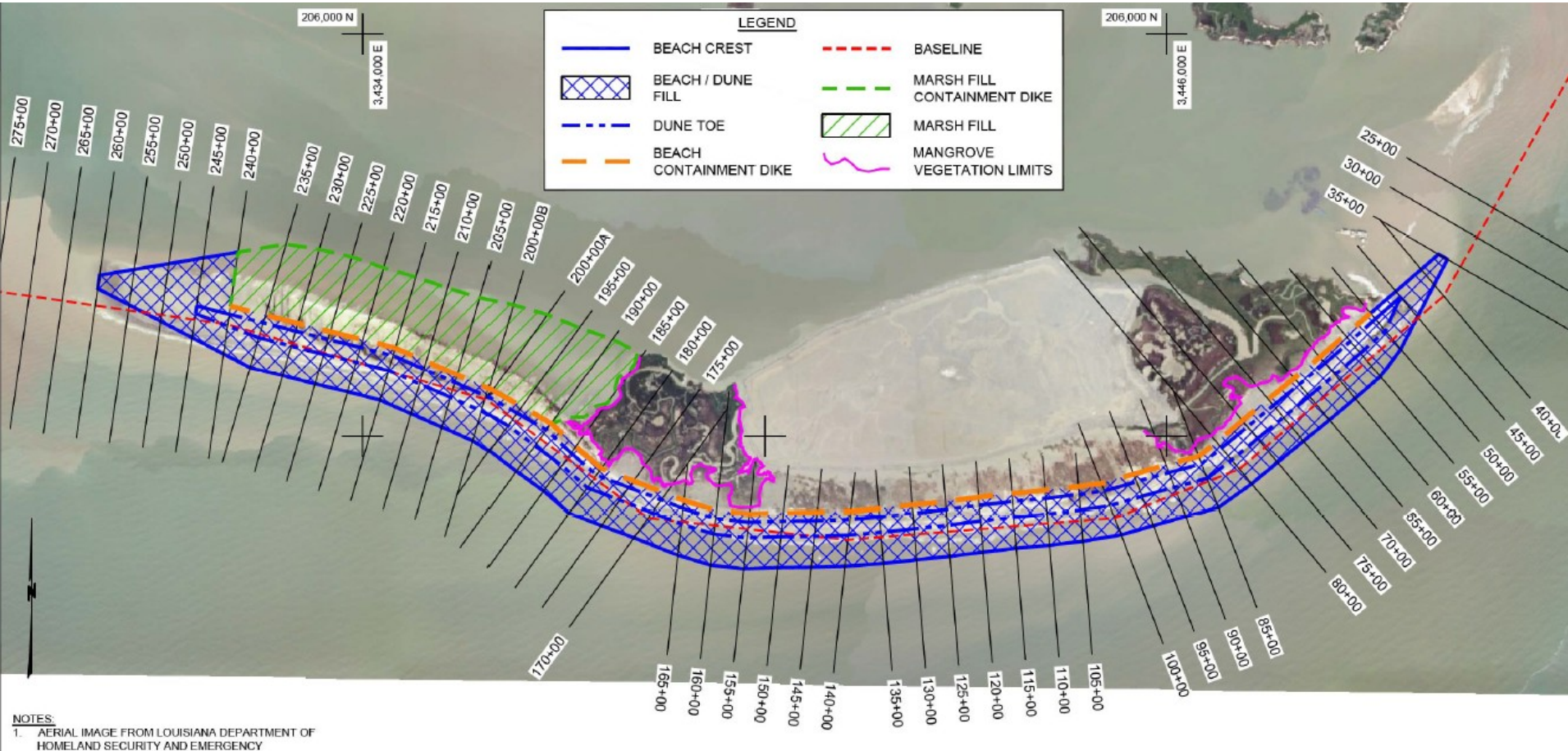




# Increase Atchfalaya Flow to Terrebonne Study Area



# Caillou Lake Headland Restoration





**Where are we going?**



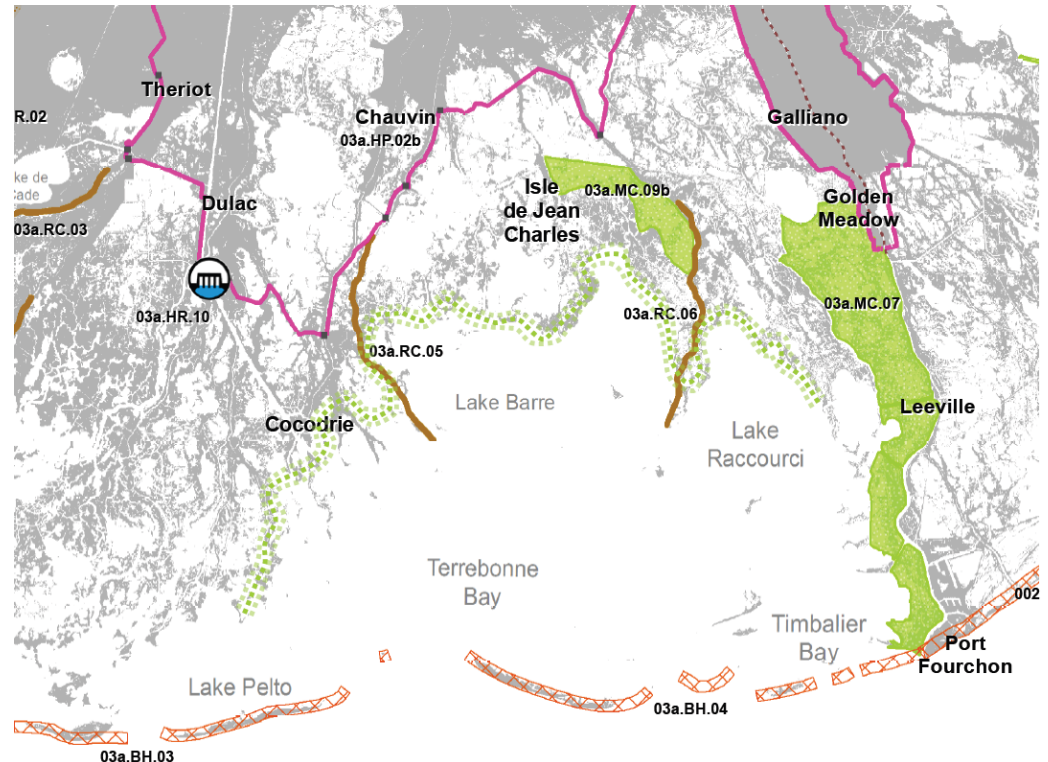
# Funding Sources

- RESTORE Act
- CWPPRA
- NRDA
- GOMESA
- Smaller Grant Opportunities



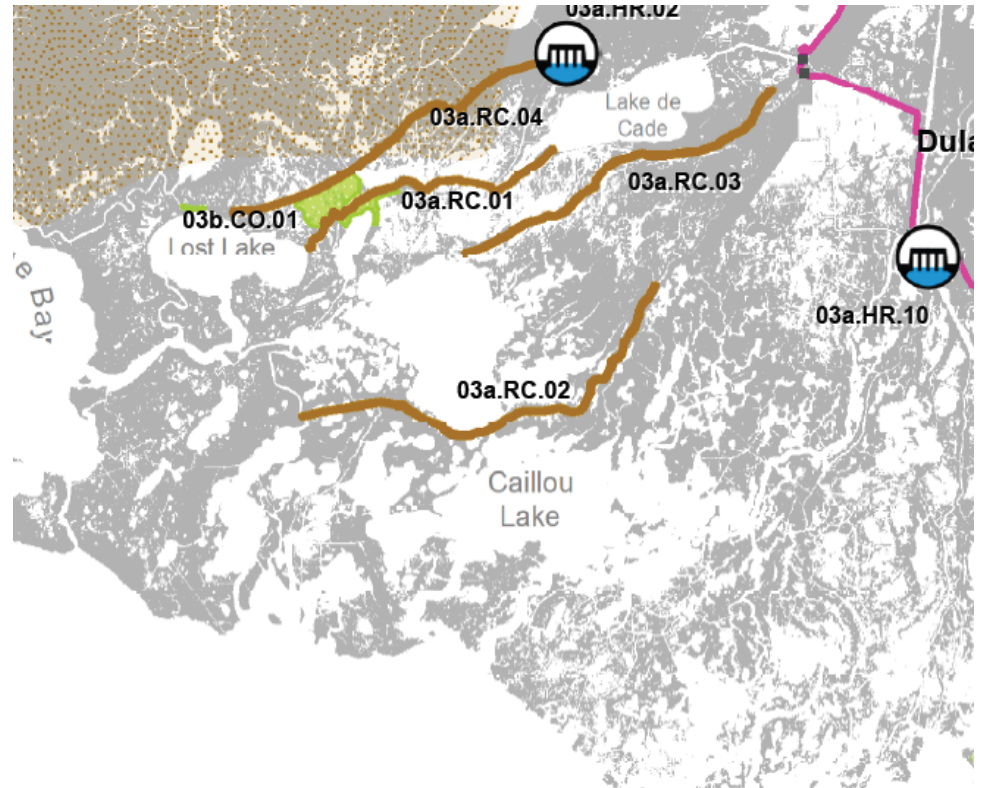
# North Terrebonne Bay

- High Erosion Rates
- 12-15 mi. N of Barrier Islands
- Living Shoreline projects probable
- Provides Protection to projects to North



# Bayou Dularge Ridge

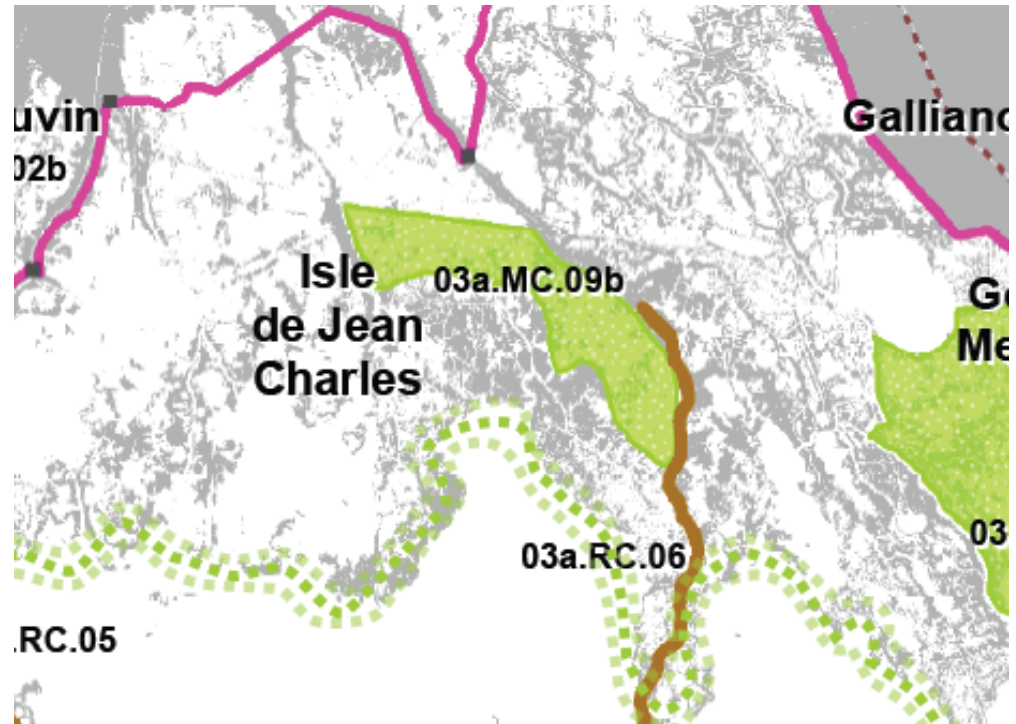
- Grand Pass 1,000' W x 40' D
- High Salt Water Intrusion Area
- Protects millions of \$s of successful CWPPRA Projects
- Draws “line in the sand”





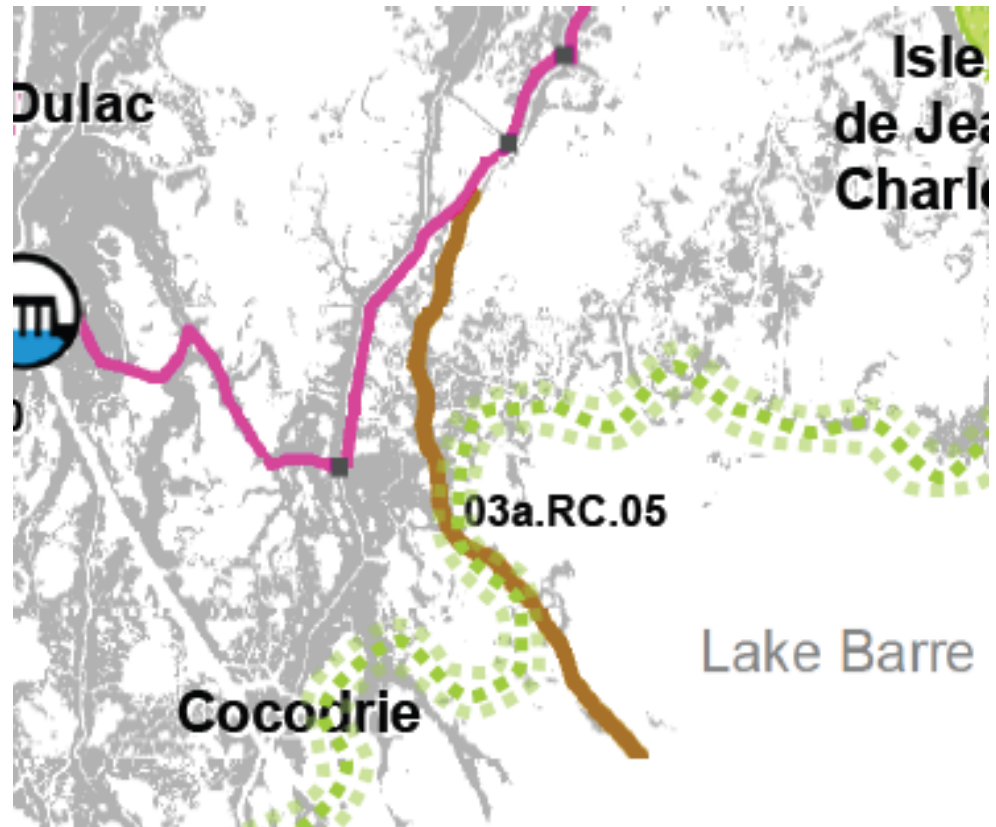
# Twin Pipelines

- Not seeking establishment of “ridge”
- Existing linear features to be used as containment
- Near WMA
- Help to combat salinity in freshwater starved area of basin



# Bayou Terrebonne

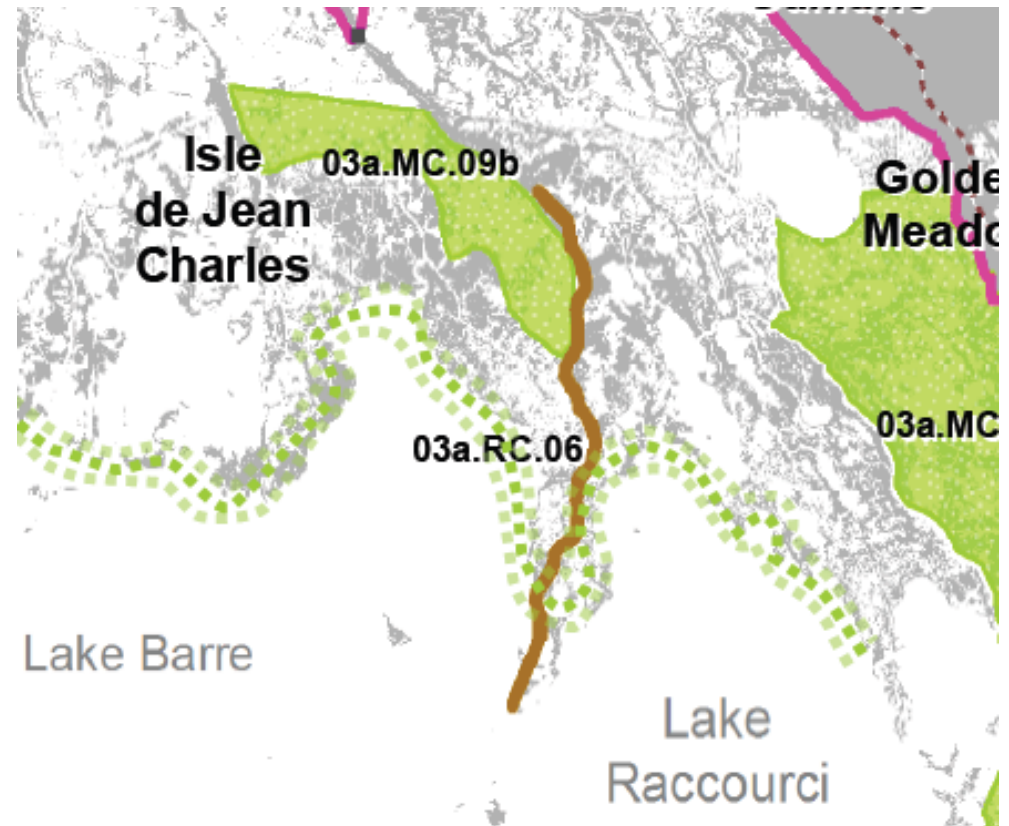
- High Land Loss rates
- Storm Surge Barrier
- Living Shoreline feature opportunity
- Dredge material from Bayou for added navigation benefit
- Southern end higher priority





# Lower Bayou Pointe aux Chenes

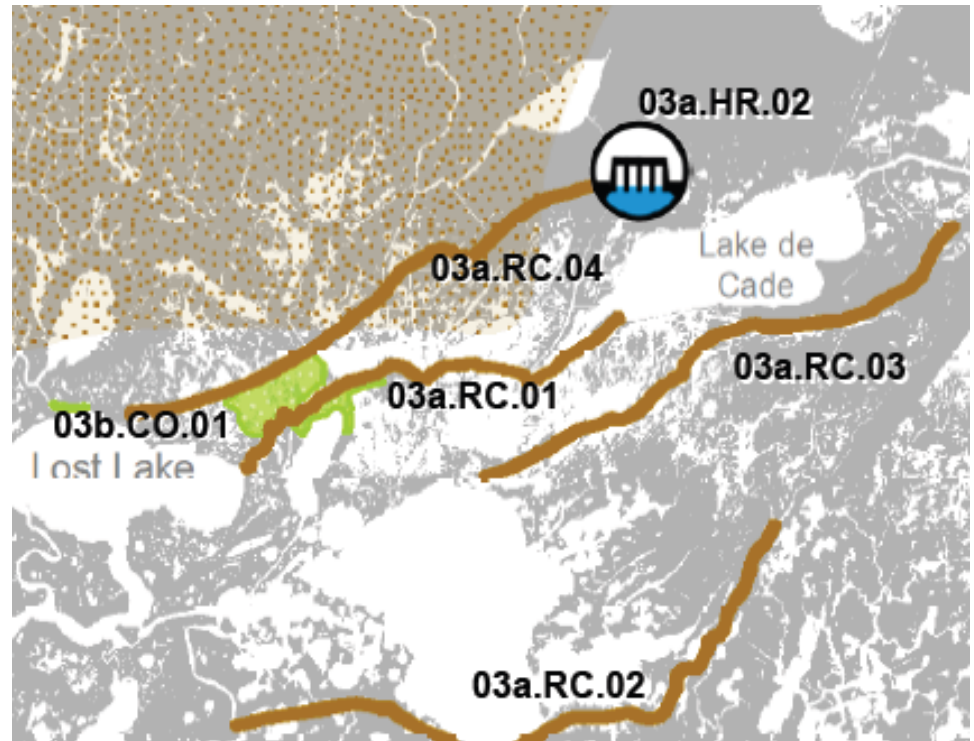
- Ridge re-establishment
- Storm Surge Barrier for Pointe aux Chenes & Isle de Jean Charles
- Near WMA





# Bayou DeCade Area

- Marsh Creation & Ridge Restoration opportunities
- Sustainable project area
- Complements CWPPRA projects already in area





# Other Priority Projects

- Houma Navigation Canal Lock
- Isle Dernieres Barrier Island Restoration
- Timbalier Islands Barrier Island Restoration
- Morganza to the Gulf Hurricane Protection System



# Questions?

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Consolidated Government

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