

# Pursuing an Integrated Approach to the Mississippi and Atchafalaya Rivers

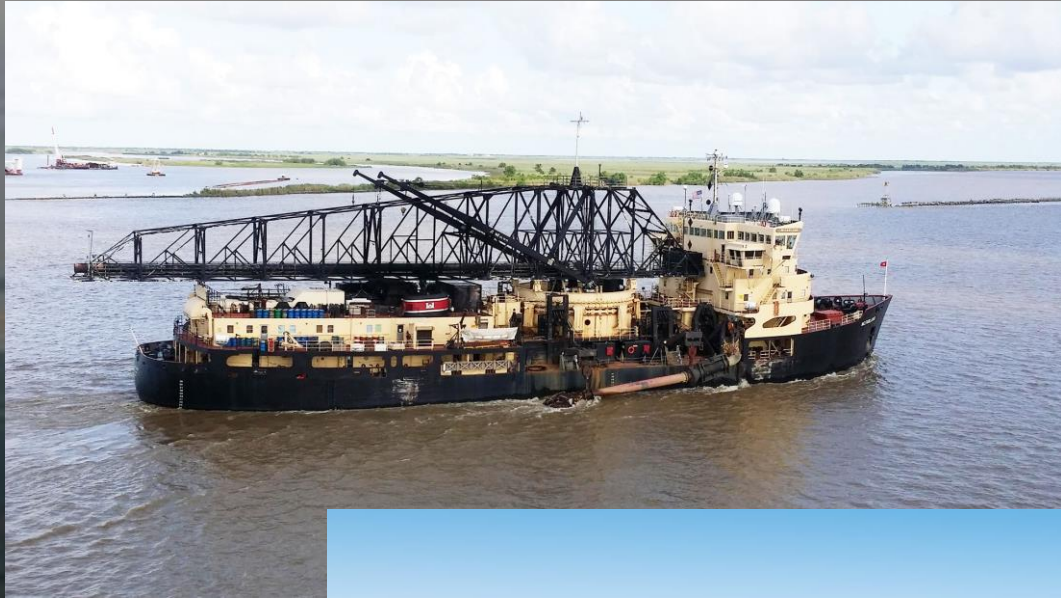
August 16, 2023



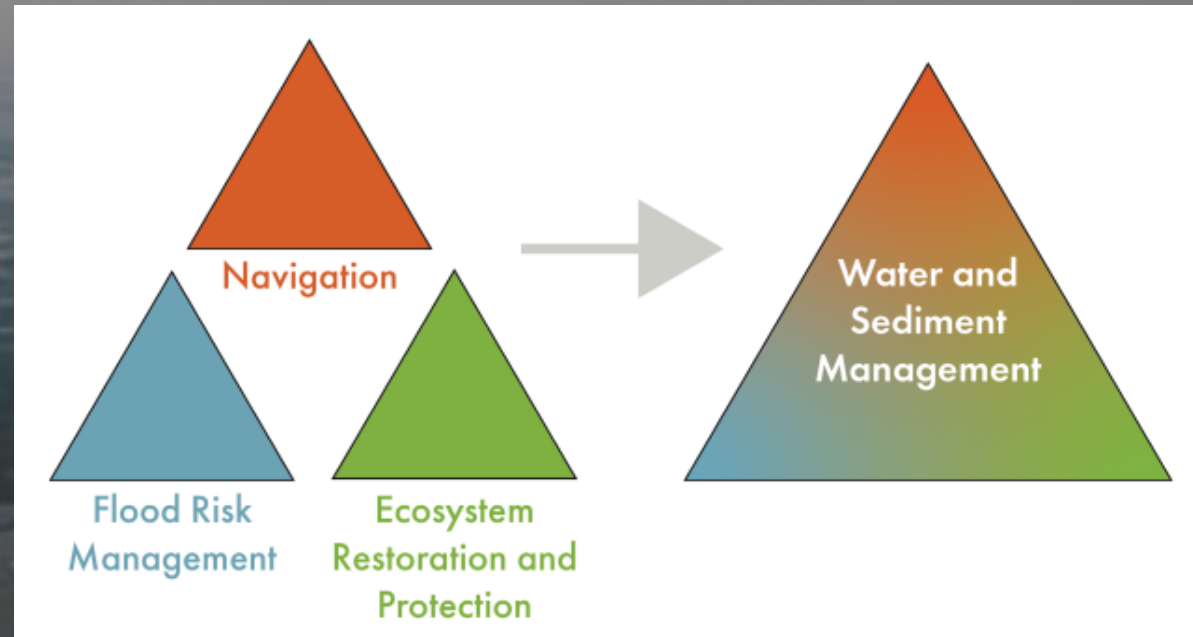


- Climate Initiatives Task Force
- Pursuing initiatives that will ensure a sustainable oyster industry
- Growing, diversifying, and protecting the economy through coastal protection and restoration
- Coastal Innovation and Collaboration Hub
- **Pursuing a more integrated approach to the Mississippi and Atchafalaya Rivers**

# River Management – Multiple Missions



# River Management – Holistic View



- Lowermost Mississippi River Management Study – State
- Lower Mississippi River Comprehensive Management Study - Federal



- Support the long-term sustainability of the coast and reduce land loss to the extent possible
- Maintain and enhance channels that support use of the LMR for navigation
- Enhance the health of ecosystems associated with the LMR
- Mitigate threats to communities and infrastructure posed by river flooding
- Support holistic management of LMR water and sediment resources to maximize benefits across all missions.

## Collaborators



- Extensive Outreach
- Information useable by the community
- “What-Ifs” – Long terms
- Real-world consequences



## Lower Mississippi River Comprehensive Management Study (LMR)

**WRDA 2020 Section 213**

**Comprehensive Study with Multiple Purposes**

|   |                         |
|---|-------------------------|
| 1 Flood Risk Management                 | 5 Water Supply          |
| 2 Non-Structural Flood Control          | 6 Hydropower Production |
| 3 Navigation                            | 7 Recreation            |
| 4 Ecosystem & Environmental Restoration | 8 Other Purposes        |

**Key Language in the Provision:**

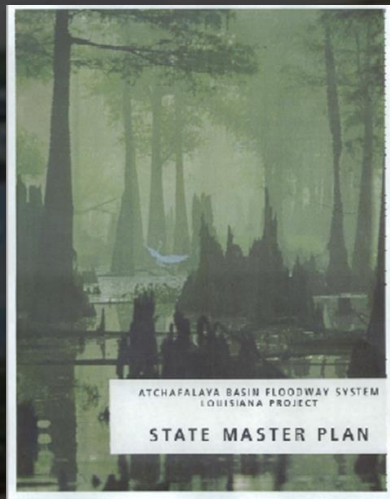
- ◆ Final report required in 5 years/\$25M
- ◆ Wide geographical scope: Cape Girardeau, MO, to the Gulf of Mexico
- ◆ Multiple Purpose Study (7) with competing interests
- ◆ Annual reporting requirements to Congress

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## Atchafalaya River Basin Restoration and Enhancement Task Force

Findings and Recommendations to the Coastal Protection  
and Restoration Authority Board

November 17, 2021





## Louisiana Nutrient Reduction and Management Strategy Interagency Team

- Bipartisan Infrastructure Law – Gulf Hypoxia Program – support nutrient reduction strategies
  - Monitoring and Best Practices
- About 370 Certified Louisiana Master Farmers
- LDAF and LDEQ efforts in 2022:
  - decreased N by almost 8,900 lbs
  - decreased P by almost 1,900 lbs
  - Decreased sediment by 376,000 lbs
- Act 228 of 2022 authorizes stormwater utility systems
- Work continues through the EPA – Hypoxia Task Force

### 2022 Annual Report

#### Louisiana Nutrient Reduction and Management Strategy Implementation



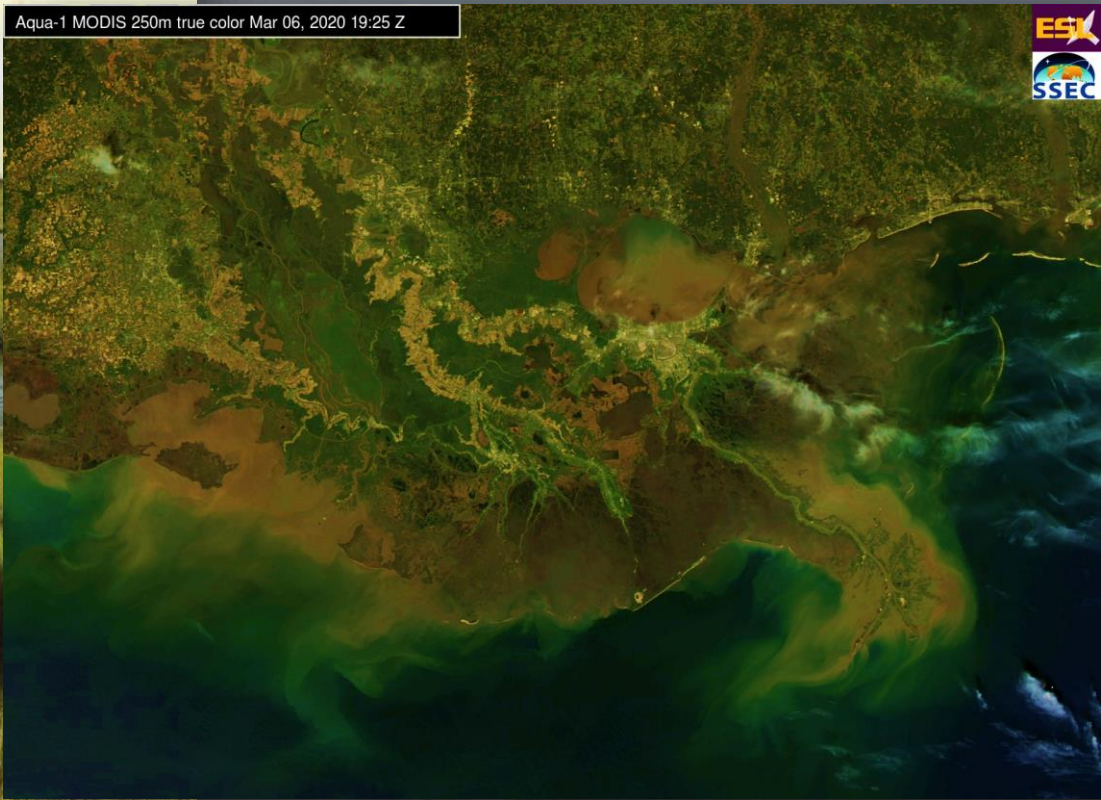
Baton Rouge, Louisiana

Prepared by:

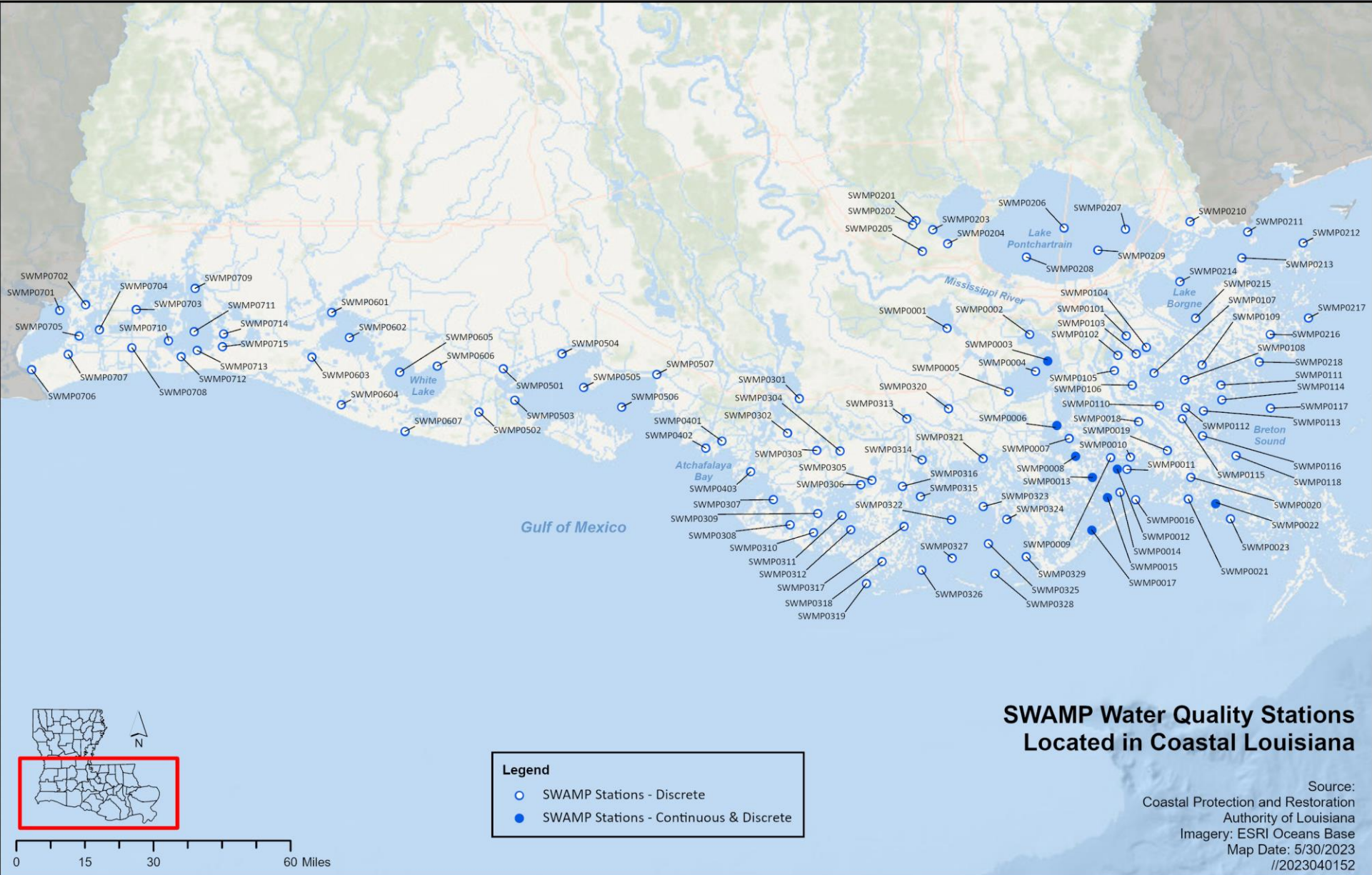
Louisiana Nutrient Reduction and Management Strategy Interagency Team

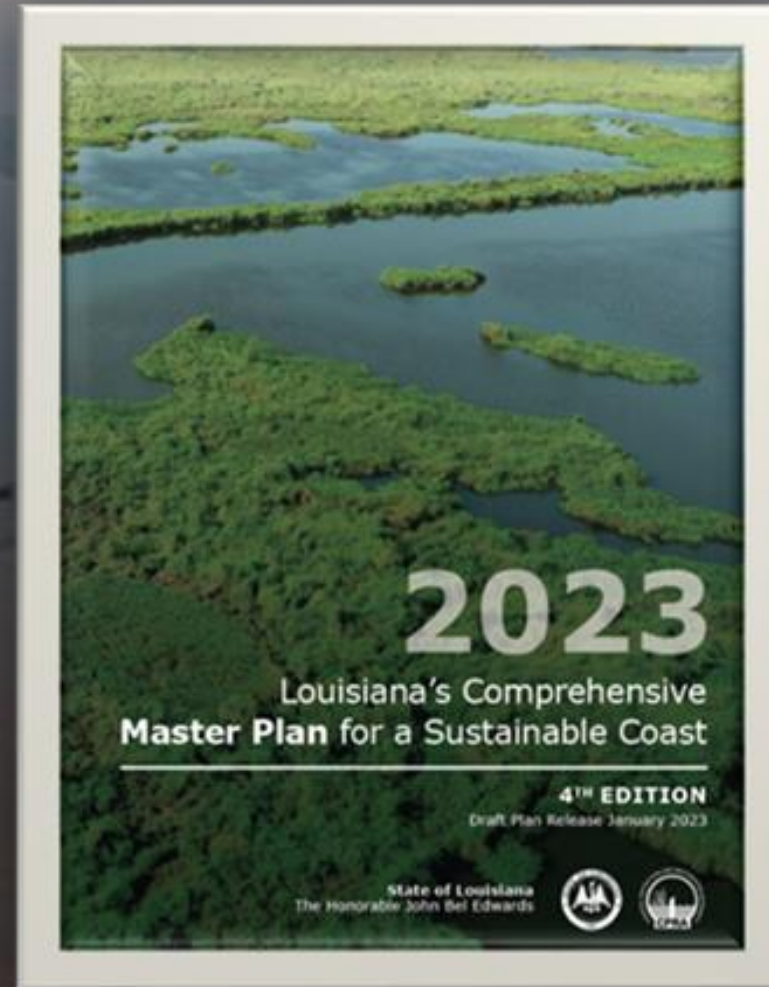
Coastal Protection and Restoration Authority (CPRA)  
Governor's Office of Coastal Activities (GOCA)  
Louisiana Department of Agriculture and Forestry (LDAF)  
Louisiana Department of Environmental Quality (LDEQ)  
Louisiana Department of Natural Resources (LDNR)  
Louisiana State University Agricultural Center (LSU AgCenter)

# Nutrient Management – Reconnect the River



# Nutrient Management





# CONNECT WITH US!



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