



Louisiana's 2012 Coastal Master Plan



committed to **our coast**

3rd Annual Hypoxia Research
Coordination Meeting
March 27-28, 2012



Louisiana is Experiencing a Coastal Crisis



1,883
square
miles lost
since the
1930s



Currently
losing over
16 square
miles per
year



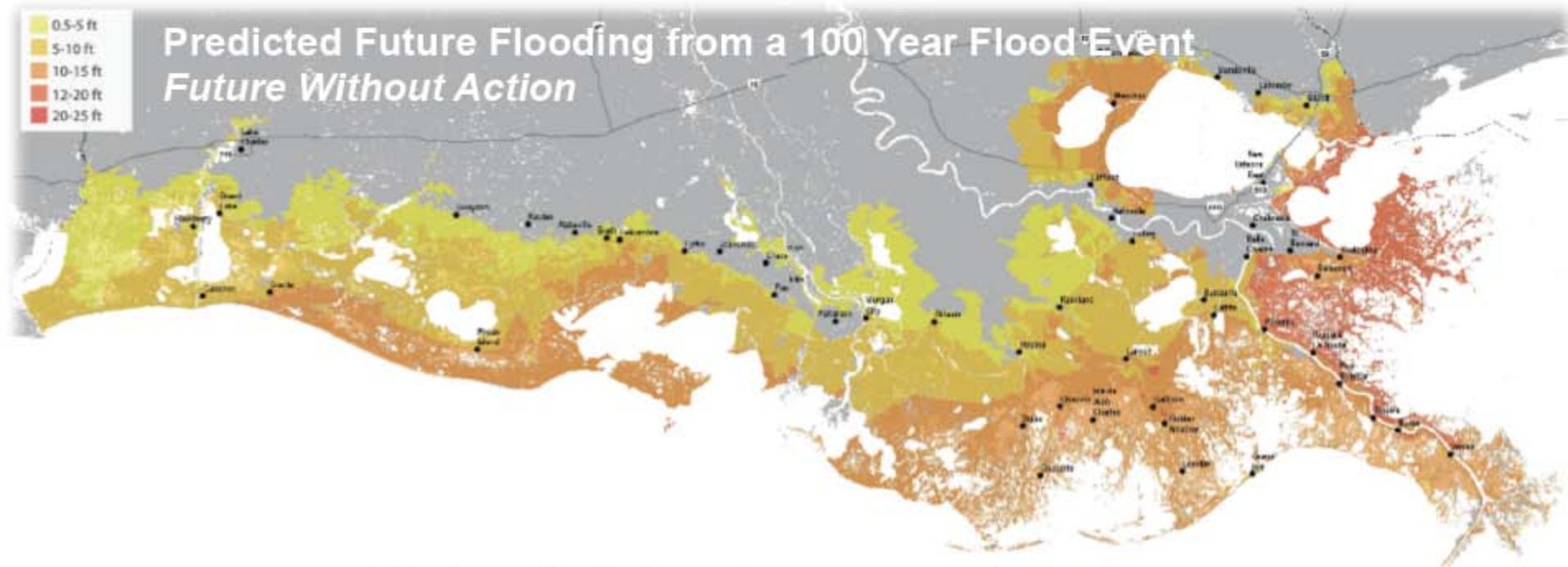
Louisiana is Experiencing a Coastal Crisis

Predicted Land Change Over Next 50 Years



Potential to lose an additional 771 – 1,756 square miles of land over the next 50 years

Our Communities and Livelihoods at Risk



Potential for damages to reach
\$7.7 to \$23.4 billion annually

Increasing threats to lives, jobs,
communities and the economy

We Continue to Make Progress



159 miles
of built or improved levees



19,405 acres
of coastal habitats benefited



\$17 billion
in State & Federal funding for
protection & restoration

Revised 2012 Master Plan

State of Louisiana
The Honorable Bobby Jindal, Governor

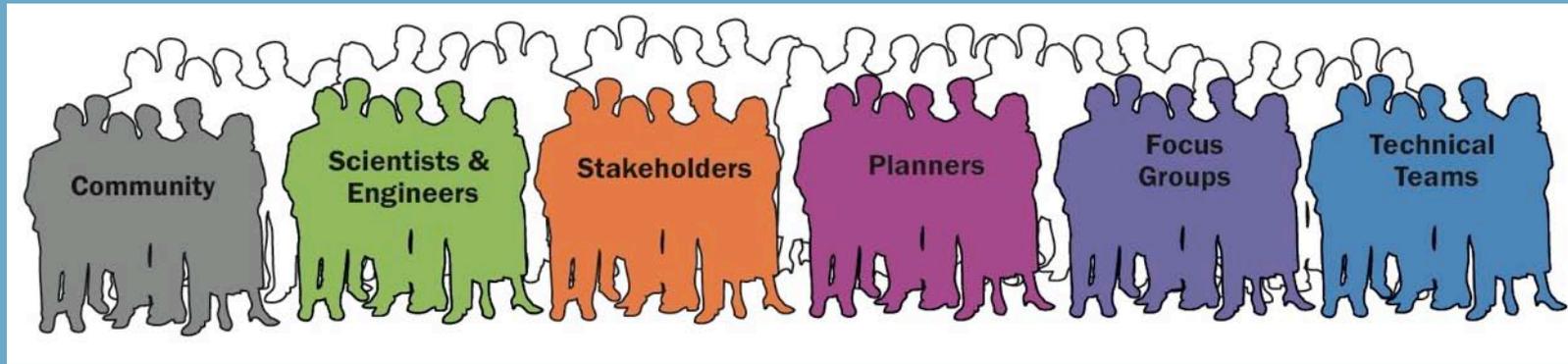


Louisiana's Comprehensive
Master Plan for a Sustainable Coast

committed to **our coast**

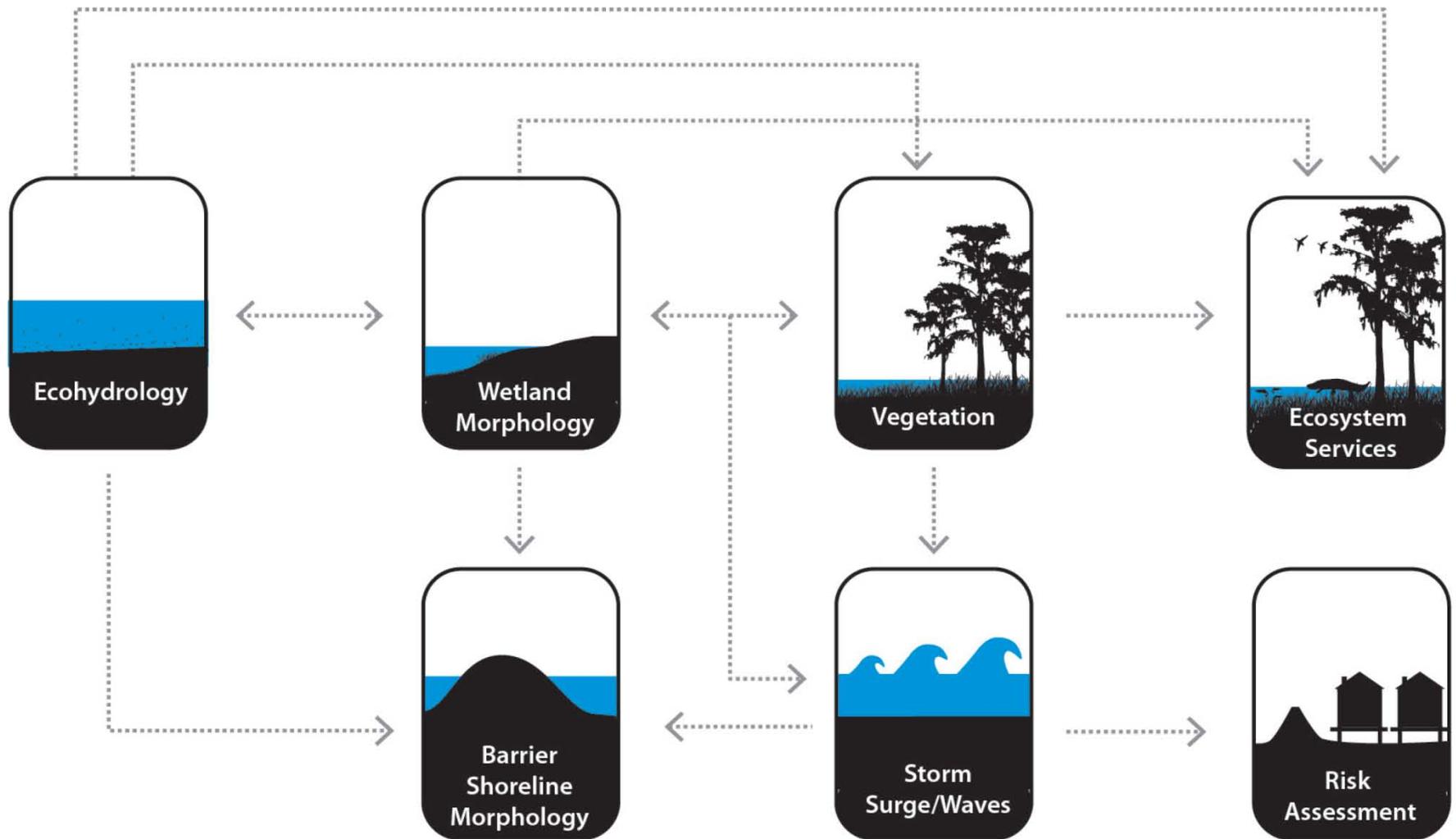


- Adopted unanimously by the CPRA Board on 21 March 2012
- Presented to the Legislature for approval earlier this week



Built on World Class Science
and Engineering

Using New Tools, Breaking New Ground



Extensive Public Review and Input

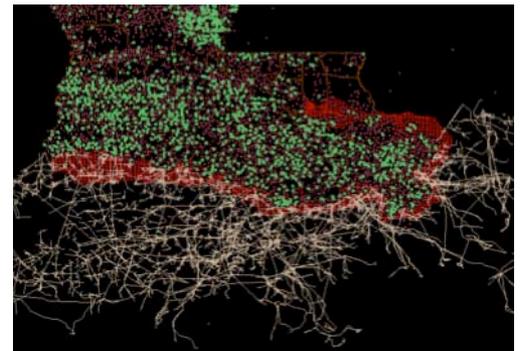
120+ Meetings with Citizens, Focus Groups, Elected Officials, Stakeholders & Review Teams

- Parish Official Group Briefings
- CPRA and Governor's Advisory Commission
- Regional Community Meetings
- Focus Group Meetings
- Framework Development Team Participants
- Civic or Professional Groups
- Regional Community Meetings



Focus Groups

- Key industries are impacted by land loss and large scale protection and restoration efforts
- Created three focus groups:
 - Navigation
 - Fisheries
 - Oil and Gas

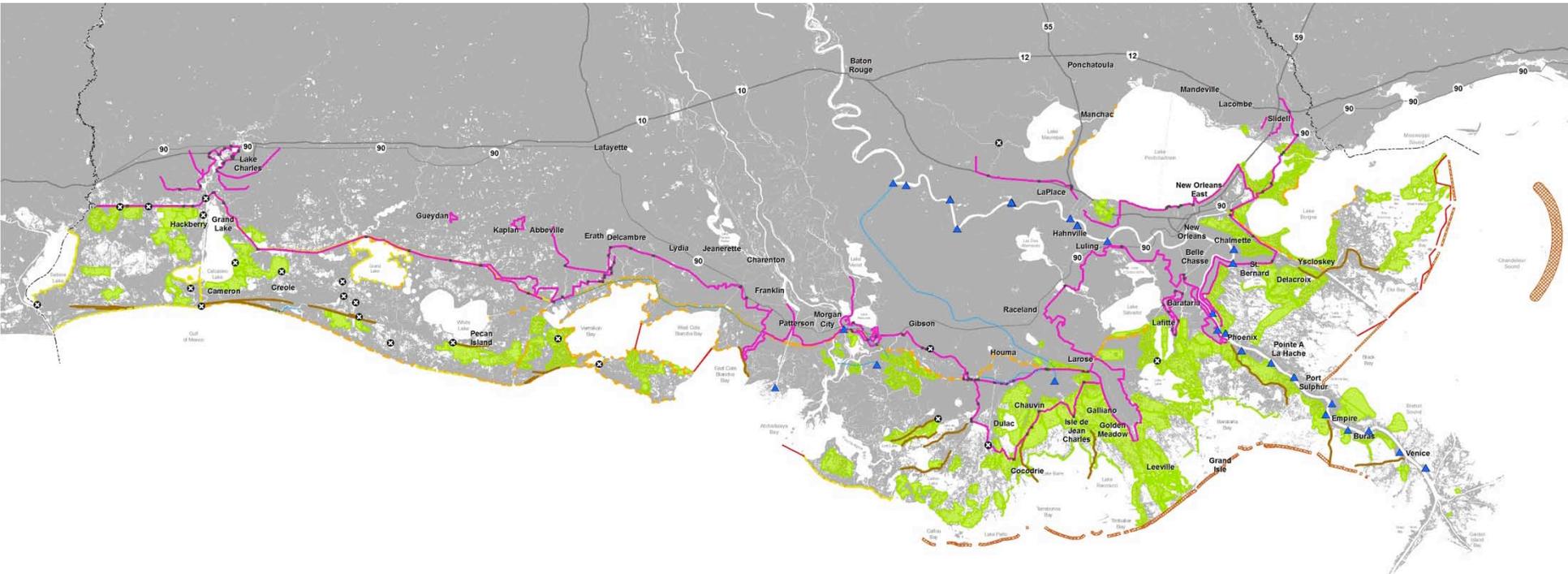


Framework Development Team



Over 30 Federal, State, NGO, Academic, Community, and Industry Organizations

Evaluation of Hundreds of Existing Projects



Hydrologic
Restoration



Barrier
Island
Restoration



Oyster
Barrier Reef



Shoreline
Protection



Bank
Stabilization



Marsh
Creation



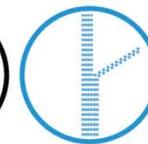
Combined
Project



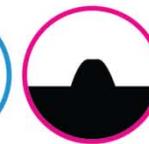
Ridge
Restoration



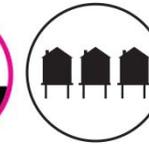
Sediment
Diversion



Channel
Realignment



Protective
Levee



Nonstructural
Measure

Nearly 400 Projects Evaluated Across the Coast

Factors in Making Decision:

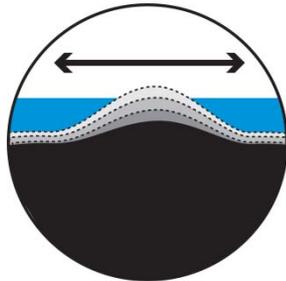
Flood Risk Reduction and Land Built/Maintained as Decision Drivers

Risk Reduction



Expected Annual Damages

Restoration



Land Area

Decision Criteria and Ecosystem Services



Distribution of flood risk across socioeconomic groups



Flood protection of historic properties



Flood protection of strategic assets



Operation and maintenance costs



Sustainability



Support for navigation



Use of natural processes



Support for cultural heritage



Support for oil & gas



Oyster



Shrimp



Freshwater Availability



Alligator



Waterfowl



Saltwater Fisheries



Freshwater Fisheries



Carbon Sequestration



Nitrogen Removal



Agriculture/Aquaculture



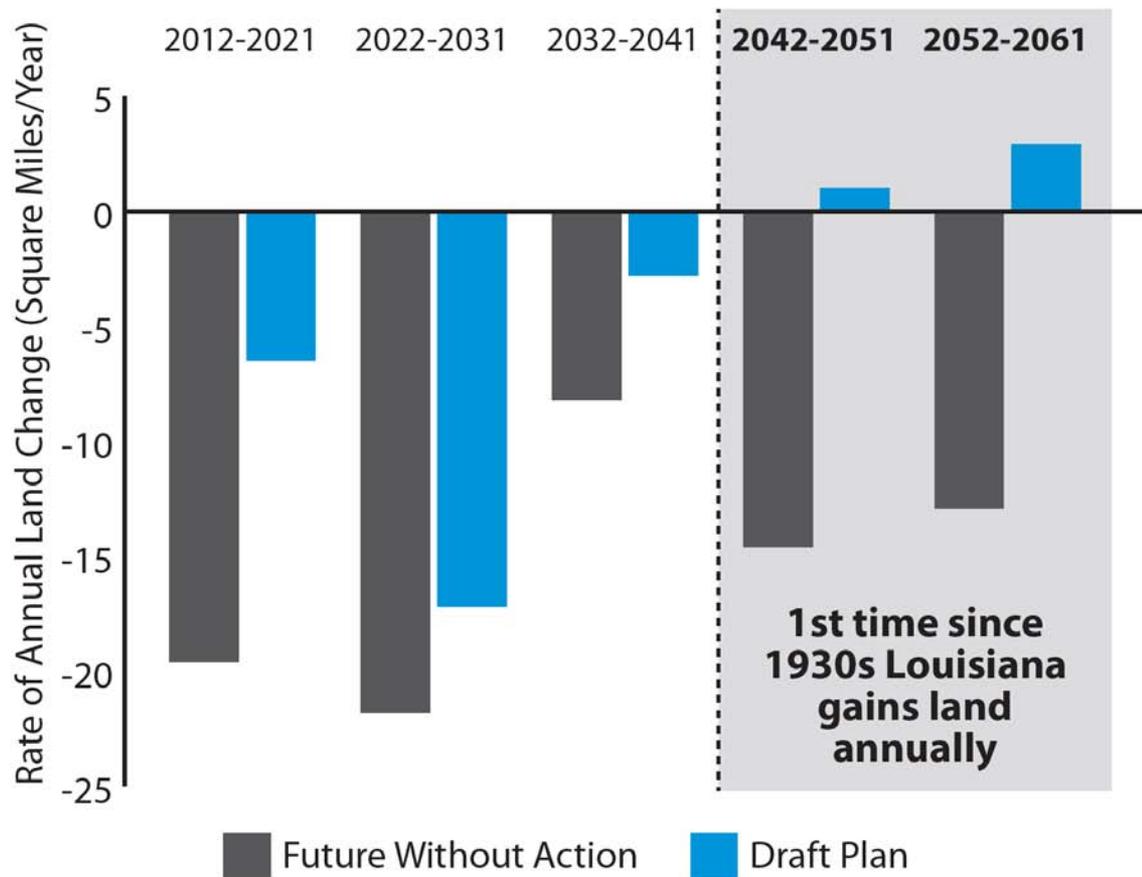
Other Coastal Wildlife



Nature-Based Tourism

What the Draft Master Plan Delivers

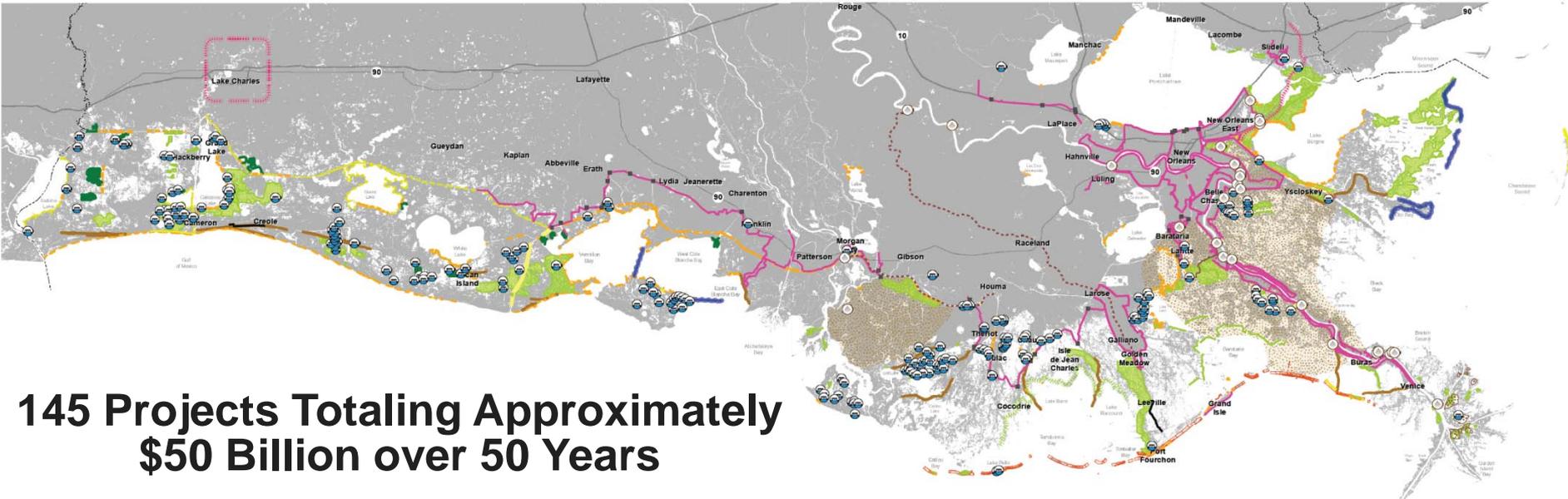
Potential Annual Rates of Land Change over the Next 50 Years



550-850 square miles of land built or maintained over 50 years

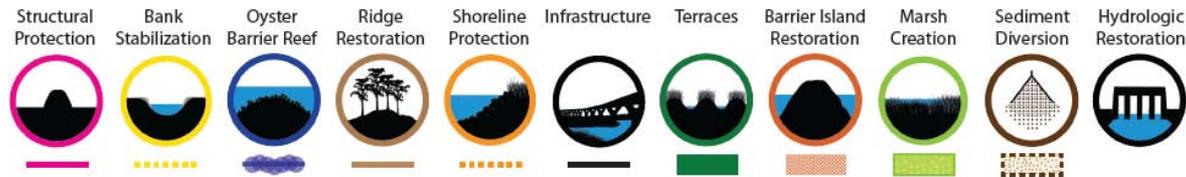
1st time since 1930s Louisiana gains land annually

2012 Coastal Master Plan Current and Future Projects



**145 Projects Totaling Approximately
\$50 Billion over 50 Years**

Project Types



CoastalMasterPlan.la.gov

Louisiana's 2012 Coastal Master Plan

CPRA

Committed to *our coast*.

Home 2012 Master Plan Leading the Way What's at Stake Working Together Connect Resources

CPRA Louisiana's Comprehensive Master Plan for a Sustainable Coast
committed to *our coast*

Final 2012 Coastal Master Plan Released

On March 21, 2012 the CPRA unanimously approved the 2012 Coastal Master Plan for submission to the Louisiana Legislature. To view the plan, please [CLICK HERE](#).

Final 2012 Coastal Master Plan Released >

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The 2012 Master Plan is the Way Forward

A ground breaking planning effort by the state's Coastal Protection and Restoration Authority shows that while the future looks bleak, we have the opportunity to take bold action to save the coast and secure south Louisiana's future.

The CPRA's [2012 Coastal Master Plan](#) is based on a two year analysis involving some of the state's best scientists as well as national and international specialists. The state used this analysis to select 109 high performing projects that could deliver measurable benefits to our communities and coastal ecosystem over the coming decades. The plan shows that if these projects were fully funded, at a pricetag of \$50 billion, we could substantially increase flood protection for communities and create a sustainable coast.

What's New

- Final 2012 Coastal Master Plan Released
- Over 2,000 comments received on the DRAFT Master Plan
- Recap of Public Meetings
- Master Plan Modeling Seminar Series
- 2012 Coastal Master Plan is "In the News"
- Science and Engineering Board Video Posted