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## 2017 Coastal Master Plan

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# Appendix G: Outreach and Engagement



Report: Final

Date: April 2017

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## Coastal Protection and Restoration Authority

This document was prepared in support of the 2017 Coastal Master Plan being prepared by the Coastal Protection and Restoration Authority (CPRA). CPRA was established by the Louisiana Legislature in response to Hurricanes Katrina and Rita through Act 8 of the First Extraordinary Session of 2005. Act 8 of the First Extraordinary Session of 2005 expanded the membership, duties, and responsibilities of CPRA and charged the new authority to develop and implement a comprehensive coastal protection plan, consisting of a master plan (revised every five years) and annual plans. CPRA's mandate is to develop, implement, and enforce a comprehensive coastal protection and restoration master plan.

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## List of Abbreviations

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BISCO	Bayou Interfaith Shared Community Organizing
BTNEP	Barataria-Terrebonne National Estuary Program
CPRA	Coastal Protection and Restoration Authority
CRCL	Coalition to Restore Coastal Louisiana
CWPPRA	Coastal Wetlands Planning, Protection and Restoration Act
FDT	Framework Development Team
NWF	National Wildlife Federation
SEB	Science and Engineering Board
TAC	Technical Advisory Committee

## 1.0 Introduction

The 2017 Coastal Master Plan is a Louisiana plan for Louisiana people – a plan based on science and responsive to the needs of our communities. While coastal Louisiana is home to more than two million people, it also boasts the world's largest port complex that handles 20% of the nation's waterborne commerce and contains important fisheries habitats that support a commercial fishing industry that provides 25% of the seafood in the continental United States. With all of these critical industries and a large population made up of individuals who each have their own unique stories and sense of place, the master plan must represent a number of diverse groups with varied opinions. By bringing these stakeholders together through consistent engagement and ongoing dialogue, we find common ground in our collective desire to protect and restore our coast for generations to come.

### 1.1 Our Principles

The following outreach and engagement principles were first established to guide our efforts for the 2012 Coastal Master Plan, and we felt strongly about renewing this commitment for the 2017 Coastal Master Plan. At every step of the development process, we considered these principles and their importance in ensuring that we provide the people of Louisiana the best possible plan.

- **Scope.** Stakeholders and citizens should be given opportunities to learn about and comment on 2017 Coastal Master Plan tools and the processes that assist in creating the plan – not just the finished plan itself.
- **Timing.** Comments and ideas should be received, reviewed, and incorporated while the 2017 Coastal Master Plan is being developed, not after the fact.
- **Fair hearing.** Not every stakeholder or citizen preference will be included in the 2017 Coastal Master Plan. However, the State promises that each idea will receive a fair hearing and that questions will be answered promptly and with care.
- **Access.** The State has an obligation to provide a variety of ways for stakeholders and citizens to learn about and participate in the master planning process, including small group gatherings, web offerings, direct communication with local and State government, and public meetings.

### 1.2 Our Goals

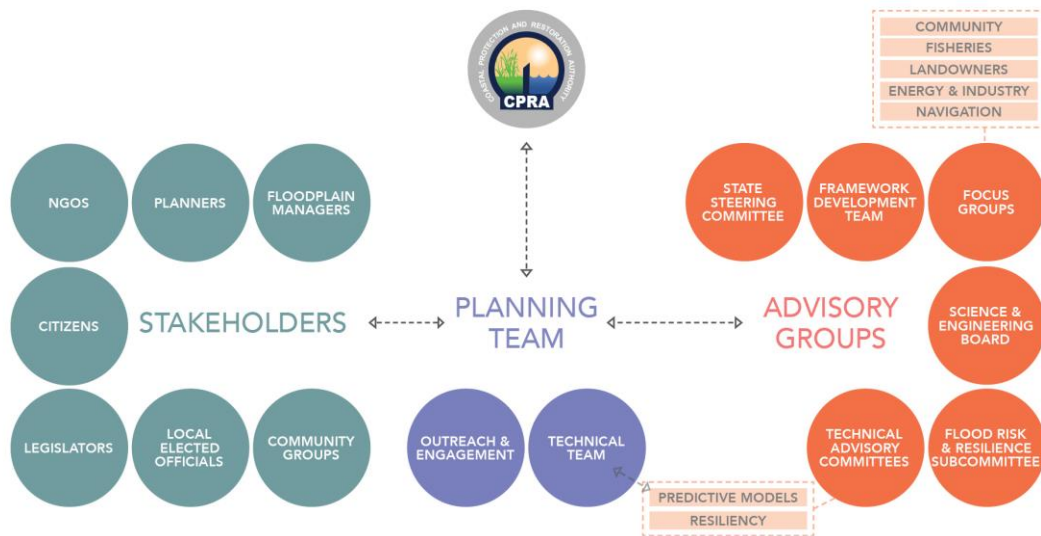
Throughout the development of the master plan, we were focused on a number of goals not only related to interacting with citizens and stakeholders, but on building their trust in the planning process as well.

- To develop public confidence that CPRA is the primary technical authority on coastal protection and restoration for Louisiana and is making decisions in the best interest of Louisiana's citizens.
- To develop broad-based support that will influence passage and implementation of the 2017 Coastal Master Plan.
- Address and incorporate citizens' concerns and ideas.

- To establish a consistent, accessible, and coherent method for disseminating information to the public.

## 2.0 Outreach and Engagement Framework

This section describes the Outreach and Engagement Framework utilized for the 2017 Coastal Master Plan. The effort was led by the Planning Team with ongoing support of multiple advisory groups and consistent engagement with a number of key stakeholders.



**Figure 1: Outreach and Engagement Framework.**

### 2.1 The Planning Team

The 2017 Coastal Master Plan's Planning Team was a diverse team of representatives from a variety of organizations, including CPRA and private/non-profit organizations. The Planning Team focused on assembling technical tools and data as well as engaging with stakeholders and citizens across coastal Louisiana as the 2017 Coastal Master Plan was developed.

Additionally, the Planning Team worked with a variety of experts, including individuals who know coastal Louisiana well and individuals who brought in new ideas from other places, with the goal of ensuring the 2017 Coastal Master Plan was both rooted in the realities experienced by people who live and work on the coast every day and reviewed by nationally renowned scientists and engineers.

More information about members of the Planning Team is included below.





**Figure 2: Planning Team.**

### 2.1.1 Outreach and Engagement Team

As part of the Planning Team, the Outreach and Engagement Team was comprised of dedicated individuals with experience in stakeholder engagement, public outreach, communications, graphic design, and data visualization. In addition to the dedicated team members, multiple strategies were deployed to provide information and training to other outreach specialists, governmental employees, and community organizers throughout coastal Louisiana in order to provide them with materials and tools to support their ongoing outreach efforts. As such, they were able to educate and engage their stakeholders and constituents on the effort.

### 2.1.2 Technical Team

The 2017 Coastal Master Plan's Technical Team was a collaborative group of more than 70 experts from a wide range of organizations with extensive technical and analytic expertise in developing predictive models and planning tools. Many of the academics and practitioners that were part of this group had been involved in previous planning efforts and were able to offer a robust depth of knowledge of coastal Louisiana and the tools used to create the 2017 Coastal Master Plan. More information on the Technical Team can be found in Appendix C: Modeling and Appendix D: Planning Tool.

## 2.2 Stakeholders and Advisory Groups

To support and provide critical input into the development of the 2017 Coastal Master Plan, CPRA engaged a diverse group of stakeholders to serve as key partners and advisors in helping to determine how best to meet the State's current restoration and protection needs and adapt to future conditions. These stakeholders represented business and industry, federal agencies, non-profits, academia, local organizations, coastal scientists, planning experts, and more. These groups were not asked to endorse the master plan; instead, their role was to provide recommendations and guidance as it was developed so that the master plan would ultimately reflect a broad range of perspectives and a world-class technical approach.

## **3.0 Stakeholder Engagement**

The Outreach and Engagement Team developed an engagement strategy that focused activities into three phases: 1) baseline establishment, 2) active engagement, and 3) draft plan review and comment. Each of these phases provided specific inputs into the master plan development process along a specific timeline. While the phases are shown separately, some components and activities overlapped between phases or occurred concurrently. Throughout these three phases, the Outreach and Engagement Team's efforts combined opportunities to hear from coastal communities in person and online through a number of innovative web tools and resources that are detailed below.

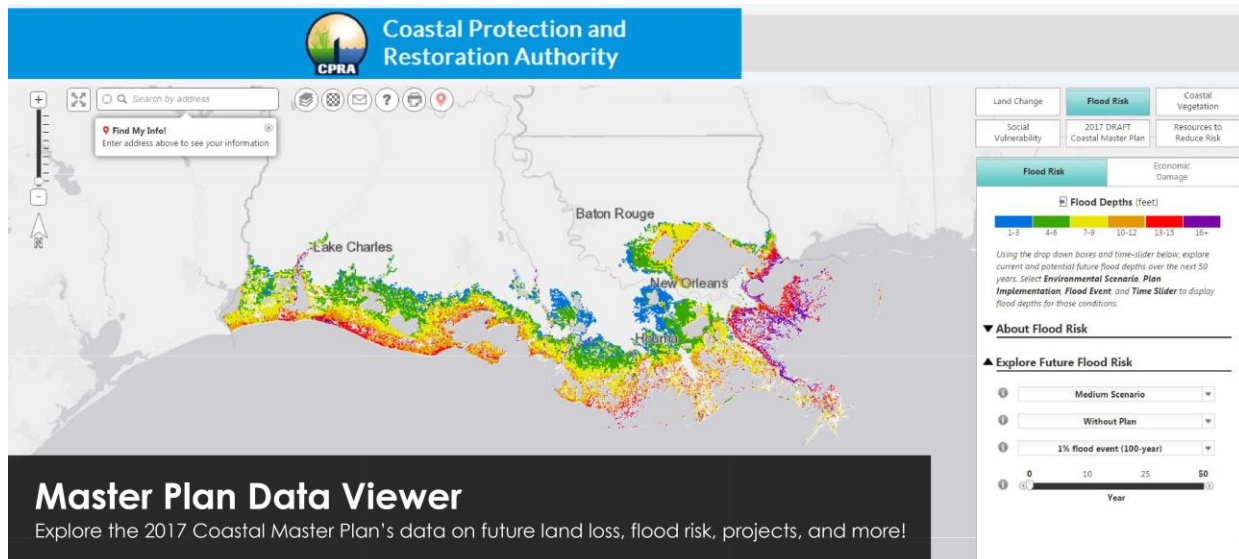
### **3.1 Baseline Establishment**

Outreach and engagement efforts for the 2017 Coastal Master plan began in earnest in 2014 as CPRA launched the New Project Development Program. Established to ensure the latest project ideas were included for consideration in the 2017 Coastal Master Plan, the program provided opportunities for new projects to be proposed by individuals and organizations, including citizens, academia, parishes, elected officials, agencies, NGOs, landowners, and businesses/industries. CPRA conducted two public solicitation periods and received 155 project ideas from 42 project sponsors. These projects were reviewed by subject matter experts using screening criteria, and 52 of the submitted projects were evaluated for the 2017 Coastal Master Plan. In addition, CPRA reconvened or established the Framework Development Team (FDT), Focus Groups, Science and Engineering Board, Technical Advisory Committees, and other stakeholder groups.

#### **3.1.1 Innovative Web Tools**

One of the main tools used as part of the 2017 Coastal Master Plan public engagement effort was a more comprehensive website that allowed others to easily navigate to the information they needed. A number of educational resources, such as downloadable documents, webinars, and educational videos, were made available. An overview presentation was recorded and posted to the website in both English and Vietnamese. We also created a Frequently Asked Questions page to provide informative content in a way that was convenient to the public. In addition, we used social media platforms, including Facebook and Instagram, to publicize upcoming events and post photos from meetings, as well as provide other information of interest.

In an effort to provide critical information to citizens and stakeholders so that they could be better informed, CPRA developed the Master Plan Data Viewer. The viewer provides information about how flood risk impacts communities today and in the future, as well as how citizens can make their community safer and more resilient. This viewer integrates and displays the results from CPRA's 2012 Coastal Master Plan, along with additional coast wide data that allow for a broad examination of how flood risk impacts communities.



**Figure 3: A Snapshot of the Master Plan Data Viewer.**

### 3.1.2 Educational Materials

In order to help spread the word about the master plan, CPRA created a speaker's bureau presentation and an overview brochure that were widely distributed to partners throughout coastal Louisiana. The presentation was distributed electronically and included speaker's notes. The flyer was delivered electronically, was posted on the CPRA website, and was printed and distributed at meetings and events. These materials provided an overview of CPRA, highlighted the agency's progress, described why a new plan is both needed and required as well as what is different about this effort, and outlined the framework for developing the 2017 Coastal Master Plan. Lastly, these materials provided an overview of the timeline as well as ways for the public and citizens to get engaged. These materials were provided to individuals and organizations such as Louisiana Sea Grant, FDT and Focus Group members, NGO partners, and others.



**Figure 4: Speaker's Bureau Presentation.**



Figure 5: Master Plan Brochure.

## 3.2 Active Engagement

### 3.2.1 Presentations and Briefings

Throughout the 2017 Coastal Master Plan planning process, we prioritized educating key stakeholder groups and providing information about the master plan effort in order to better engage citizens across coastal Louisiana. We worked with FDT members and other partners to identify industry associations, State task forces, local/regional governmental entities, advocacy organizations and non-profits, and community groups. These groups were tremendously helpful in identifying existing meetings and avenues at which to present and gain feedback on the master plan effort. In total, we conducted over 100 such briefings throughout this process leading up to the release of the draft plan.

In addition to a number of levee boards, coast wide organizations, NGO's, academics, and forums and conferences, we met with the following CPRA-related groups and government agencies:

- CPRA Board and Flood Risk and Resilience Subcommittee.** CPRA is guided by the CPRA Board, which oversees the development of the master plan and annual plans, and represents the State's positions relative to protection and restoration policies. The CPRA Board meets monthly and provides an opportunity for the Planning Team to deliver formal updates to the board – as well as the public in attendance – on progress throughout the master plan development process. To further cross-agency coordination and collaboration, the Flood Risk and Resilience Subcommittee was established and consists of active CPRA Board members who provide specific insight into future nonstructural measures and activities. The Subcommittee streamlines, coordinates, and helps to develop individual agency efforts to enhance decision making, focus resources

on critical areas of need, and provide recommendations on policies and procedures for nonstructural implementation.

- **Governor's Advisory Commission on Coastal Protection, Restoration and Conservation.** The Commission meets bi-monthly and provides an opportunity for the Planning Team to deliver formal updates to the Commission as well as the public in attendance on progress throughout the master plan development process.
- **Parish, State, and Federal Employees.** In addition to these ongoing efforts for development of the master plan, the Outreach and Engagement Team and CPRA leadership met proactively with staff members of government departments and agencies, including but not limited to planning, public works, community resilience, and hazard mitigation, to share information about the master plan and receive feedback. In addition, the Outreach and Engagement Team ensured appropriate coordination across all Louisiana departments and agencies as well as relevant federal agencies.

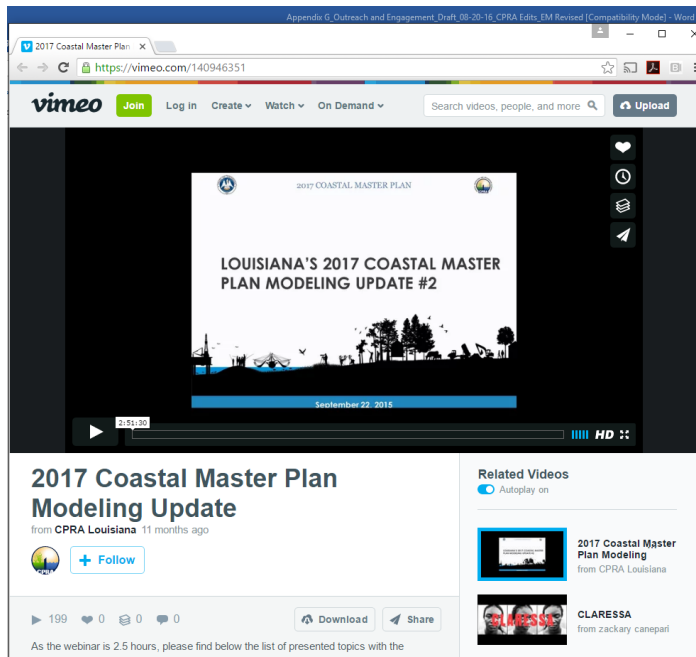
A list of briefings and presentations made to public groups, as well as stakeholder and community groups related to the development of the 2017 Coastal Master Plan, is included below.

**Table 1: Master Plan Presentations and Briefings.**

Date	Organization/Entity
5/21/13	Regional Regulatory Agencies
8/7/13	Lake Pontchartrain Basin Foundation Oyster Reef Workshop
11/6/13	3rd Summit on Coastal Restoration in Lafourche and Terrebonne
5/21/14	CPRA Board Meeting
6/4/14	Governor's Advisory Commission on Coastal Protection, Restoration and Conservation
9/17/14	CPRA Board Meeting
1/13/15	Louisiana Association of Conservation Districts
1/21/15	CPRA Board Meeting
2/5/15	Barataria-Terrebonne National Estuary Program Management Conference
2/6/2015	CCA Louisiana State Board Meeting
2/11/15	CPRA Board Meeting
2/25/15	Making Cities Resilient Campaign Symposium – New Orleans
2/26/15	Governor's Advisory Commission on Coastal Protection, Restoration and Conservation
3/19/15	Technical Seminar – Master Plan Technical Analysis
4/29/15	LSU School of Renewable Resources
5/13/16	SPUR Lunchtime Talks
5/19/15	CCA Sugar Chapter
6/4/15	New Iberia Kiwanis
6/16/15	Chenier Plain Coastal Restoration and Protection Authority
7/2/15	New Iberia Kiwanis
7/15/15	CPRA Board Meeting
7/19/15	Mississippi Flyway Council
8/18/15	Restore the Mississippi River Delta Coalition
8/19/15	CPRA Board Meeting
8/27/16	Louisiana Chapter of the American Planning Association
9/22/15	Technical Webinar – Master Plan Technical Analysis
9/23/15	Quarterly Coastal Zone Managers Meeting

Date	Organization/Entity
9/24/15	Propeller NOLA
10/1/16	Planning Commission of the Government of Bangladesh
10/5/16	NOAA Southeast Workshop
11/7/15	Greater New Orleans Water Collaborative
11/10/15	Coastal and Estuarine Research Federation Conference
12/3/15	Association of Levee Boards of Louisiana
12/10/15	Technical Webinar – Master Plan Technical Analysis
12/17/15	Louisiana Sea Grant Marine Extension Project Quarterly Meeting
2/16/16	Town of Lafitte
2/17/16	Governor's Advisory Commission on Coastal Protection, Restoration and Conservation
2/17/16	Terrebonne Parish
2/24/16	St. Tammany Parish
3/1/16	Lafayette Rotary Club
3/7/16	Restore the Mississippi River Delta Coalition
3/22/16	Louisiana Farm Bureau Coastal Wetlands and Environmental Committee
4/8/16	Louisiana Sea Grant Marine Extension Project Quarterly Meeting
4/15/16	LSU Coastal Sustainability Studio - Mayor's Institute
4/20/16	Louisiana Engineering Society
4/22/16	National Conference on Ecosystem Restoration
4/29/16	Greater New Orleans Foundation
5/4/16	Gulf Coast Joint Venture Management Board
5/6/16	Pontchartrain-Maurepas Surge Consortium
5/13/16	United States Business Council for Sustainable Development
5/18/16	CPRA Board Meeting
5/19/16	Restore or Retreat Coastal Workshop
5/24/16	Harvey Canal Industrial Association
5/25/16	Governor's Advisory Commission on Coastal Protection, Restoration and Conservation
5/25-26/16	Coastal Parish Briefing
6/3/16	State of the Coast Conference
6/22/16	USAID Delegation
6/23/16	Coalition to Restore Coastal Louisiana Board Meeting
6/27/16	Association of State Wetland Managers
6/29/16	Quarterly Coastal Zone Managers Meeting
6/30/16	Myrtle Grove Homeowners Association
7/13/16	Shrimp Task Force
7/20/16	Radio Interview – Mike Stagg (Where the Alligators Roam)
7/22/16	Ducks Unlimited
7/28/16	Barataria-Terrebonne National Estuary Program Management Conference
8/3/16	Governor's Advisory Commission on Coastal Protection, Restoration and Conservation
8/3/16	Greater New Orleans, Inc.
8/4/16	Barataria-Terrebonne National Estuary Program Management Conference
8/8/16	Restore the Mississippi River Delta Coalition
8/10/16	US Army Corps of Engineers
8/11/16	Greater New Orleans Foundation and Community Partners
8/17/16	CPRA Board Meeting
8/17/16	Baton Rouge Area Foundation

<b>Date</b>	<b>Organization/Entity</b>
8/18/16	Governor's Office of Homeland Security and Emergency Preparedness
8/24/16	Restore the Mississippi River Delta Coalition
8/25/16	Louisiana Association of Business and Industry
8/25/16	Rainey Conservation Alliance
9/8-9/2016	American Institute of Architects Louisiana Design Conference
9/9/16	Louisiana Water Resources Commission
9/21/16	CPRA Board Meeting
9/22/16	Mandeville Rotary Club
9/22/16	Technical Webinar – Master Plan Technical Analysis
9/28/16	Parishes Against Coastal Erosion (PACE)
10/18/16	Southeast Louisiana Home Builders Association
10/18/16	CWPPRA Task Force
10/20/16	Coastal Parish Briefing
10/25/16	Thibodaux Rotary Club
10/25/16	CCA Louisiana, Ducks Unlimited, and Theodore Roosevelt Conservation Partnership Members "Sportsman's Briefing"
10/29/16	St. Francis Day Event
11/1/16	CCA Westbank Chapter
11/9/16	Business Council of Louisiana
11/14/16	Federal Agency Sediment Diversion Workshop
11/30/16	CPRA Board Meeting
12/6/16	Restore or Retreat Roundtable
12/12/16	Terrebonne Parish
12/13/16	St. Mary Parish
12/15/16	Calcasieu and Jefferson Davis Parishes
12/15/16	Georgetown University Emergency & Disaster Management Students
12/16/16	Louisiana Sea Grant Marine Extension Project Quarterly Meeting
12/16/16	Times-Picayune
12/21/16	The Advocate
12/22/16	The Houma Courier
12/28/16	The American Press



**Figure 6: Recording of Technical Webinar Posted on CPRA Website.**

Throughout the outreach and engagement process, we met with state legislators and parish officials to learn their perspectives on how coastal action affects communities. In addition, we hosted a number of in-person meetings and webinars with the technical community to provide updates on different analytical aspects of the 2017 Coastal Master Plan. The feedback we received through these sessions helped refine our technical analysis and approach. Additionally, we made available for public review the vast majority of the technical appendices documenting the models used to evaluate projects and alternatives for the 2017 Coastal Master Plan well in advance of the draft plan's release.

### 3.2.2 Flood Risk and Resilience Community Meetings

During spring 2015 and spring 2016, we hosted a series of community meetings across coastal Louisiana to hear residents' perspectives about successful mitigation efforts, including what has worked well, what could be improved, what prevents them from taking the steps they see fit to reduce their flood risk, and what types of nonstructural projects would best benefit these communities and Louisiana as a whole.

The Community Conversation schedule included the following:

- February 24, 2015 – Lafourche | Co-host: Restore or Retreat
- February 25, 2015 – Plaquemines | Co-host: CRCL
- March 3, 2015 – Lake Charles | Co-host: CRCL
- March 4, 2015 – Houma | Co-host: BISCO





- March 5, 2015 – New Orleans | Co-host: Restore or Retreat

These Community Conversations, combined with the development of tools and materials to help communities understand available resiliency measures, placed coastal

Louisiana citizens and leaders in the unique position of active ownership in their future adaptation decisions. In addition, they provided CPRA with local community perspectives on flood risk and resilience and empowered individuals in coastal communities to better understand their mitigation options.

**Figure 7: A Pocket Guide to Funding Resources.**

**Master Plan Data Viewer**

As part of this effort, we established a working group of state wide and regional partners to host Community Conversations for residents and business owners to learn about flood risk in their community, as well as the resources available to protect property and build a more resilient community. The events were comprised of an open house, brief presentation, tabletop discussion, and included a complimentary dinner.

The Community Conversations included:

- **Resources.** During the open house portion of the event, representatives from the LSU Ag Center, Louisiana Sea Grant, University of New Orleans - Center for Hazards Assessment, Response & Technology, Governor's Office of Homeland Security and CPRA were on-hand to share resources on how to learn more about current flood risk, available resources, how to prepare for future storms, and how to get help after a disaster.
- **Information.** Attendees viewed a presentation and live demo of the interactive Master Plan Data Viewer, offering the state's most detailed information about flood risk and how it may change in the future.
- **Discussion.** Tabletop discussions focused on questions of vulnerability to storms and flooding, options for protection, and available resources.

### CPRA Flood Risk and Resilience Program

In partnership with the Office of Community Development, we hosted a series of Community Conversations in coastal Louisiana in early 2016 to share information about the Flood Risk and Resilience Program.

Attendees learned more about future coastal flood risk; how the State, parishes, and residents can reduce this risk; and the State's approach to elevating homes, floodproofing businesses, and voluntary residential acquisition. Input received at these meetings informed development of the Flood Risk and Resilience Program on how to best meet the needs of local communities.

The Community Conversations included:

- **Resources.** During the open house portion of the event, attendees could learn more about flood risk and other nonstructural protection options available.
- **Information.** Attendees viewed a presentation from CPRA that provided an overview of the agency, the master plan, nonstructural projects, and the 2017 Coastal Master Plan Flood Risk and Resilience Program.
- **Discussion.** Tabletop discussions focused on resilience measures, including what has worked well, what could be improved, what is preventing residents from taking the steps they see fit to reduce their flood risk, and what types of nonstructural projects would best benefit the community as a whole.

The Community Conversation schedule included the following:

- February 16, 2016 – Lafitte
- February 17, 2016 – Houma
- February 23, 2016 – Lake Charles \*CANCELLED due to inclement weather



**Figure 8: Social Media Post about Community Conversations.**

- February 24, 2016 – Mandeville

### 3.2.3 Fall 2016 Community Conversations

During the fall of 2016, the Planning Team hosted seven community meetings in partnership with local community organizations. These community conversations were designed to receive feedback on draft lists of potential projects and used information from project modeling and alternative formulation to inform facilitated discussions. The valuable feedback from these discussions was then used in the development of the draft master plan. Approximately 550 individuals participated in these community conversations.

- **Buras (October 4):** Restore or Retreat (ROR), Louisiana Wildlife Federation (LWF), and Restore the Mississippi River Delta Campaign
- **Dulac (October 6):** Restore or Retreat (ROR), United Houma Nation and Terrebonne Readiness and Assistance Coalition
- **Lake Charles (October 12):** Restore or Retreat (ROR), Chenier Plan Coastal Restoration and Protection Authority (CPCRPA)
- **Larose (October 13):** Restore or Retreat (ROR), Bayou Interfaith Shared Community Organizers (BISCO), and Bayou Civic Club
- **Lafitte (October 18):** Restore or Retreat (ROR), Coalition to Restore Coastal Louisiana (CRCL), and the Teddy Roosevelt Conservation Partnership (TRCP)
- **New Orleans (October 19):** Restore or Retreat (ROR), The New Orleans Water Collaborative
- **Meraux (November 15):** National Wildlife Federation (NWF), Restore or Retreat (ROR)



**Figure 9: CPRA Team Members Engage in Discussions with Citizens.**

#### Key Takeaways

The meetings brought out several key issues and themes that were factored in the development of the draft coastal master plan.

### **Balance**

Many attendees recognized the need for balance: short-term and long-term needs, focus on science and people, and a balance between different restoration, structural protection and nonstructural projects.

### **Understanding**

Citizens sought more details on specific projects, implementation schedules, and available funding and requested more details be provided when the draft plan was released. In addition, participants wanted more information, more often, and wanted it to be less technical and easier to understand. Participants also understood there are finite financial resources to implement projects and this was a major concern, especially as it relates to the Flood Risk and Resilience Program.

### **Coordination and Streamlining**

Residents also stressed the need for urgent action along Louisiana's coast and encouraged continued and increased coordination between government and private entities to leverage funding streams and streamline permitting. Others discussed policy details such as mitigation requirements and availability and affordability of flood insurance. Lastly, citizens stressed the need to make decisions based on science and to be transparent in order to build trust and credibility here in Louisiana and in Washington, D.C.

## **3.3 Draft Plan Review and Comment**

### **3.3.1 Public Hearings**

After the draft plan was released on January 3, 2017, the Planning Team hosted four official public hearings to receive feedback and comments.

- **January 17, 2017 – Lake Charles**, Lake Charles Civic Center
- **January 18, 2017 – New Orleans**, Port of New Orleans Auditorium
- **January 24, 2017 – Houma**, Houma Terrebonne Civic Center
- **January 25, 2017 – Mandeville**, David C. Treen Instructional Technology Center

Over 800 people attended these meetings. Unlike traditional public hearings that consist of an overview presentation and brief public comment period, the meetings included a two-hour open house session where over 15 members of the Planning Team and CPRA leadership were available to chat with citizens, answer their questions, and hear their concerns firsthand. Citizens had the chance to enter public comments electronically, in writing, or could speak with a team member and ask that those comments be captured for the public record. During the open house, citizens were encouraged to learn more about the master plan by visiting one of seven exhibit booths we set up to explain different elements of the master plan. We created posters that were strategically aligned to allow citizens to stroll through our booths and learn about the master plan process from start to finish. Topics at each station ranged from Progress on the Ground, Future Without Action, Developing the Plan, Draft Master Plan Projects, Master Plan Data Viewer, Fiscal Year 2018 Annual Plan, and a Public Comments booth.

After the open house session, an overview presentation was given and we received formal public comments from those citizens that were interested in doing so. We received over 90

formal public comments at the public meetings, which were recorded and are provided in the meeting transcript notes in Attachment G1: Public Hearing Transcripts.

CPRA also used the Facebook Live feature to broadcast the presentation and reach more citizens.



Figure 10: Pictures from Draft Master Plan Public Hearings.

### 3.3.2 Draft Plan Presentations and Briefings

A list of briefings and presentations made to public groups, as well as stakeholder and community groups related to the Draft 2017 Coastal Master Plan, is included below.

Table 2: Draft Plan Presentations and Briefings.

Date	Organization/Entity
1/4/17	St. Mary, Iberia, St. Martin, and Assumption Parishes
1/4/17	St. Charles, St. John, and St. James Parishes
1/6/17	Restore or Retreat Lunch n' Learn – Staff, Board, and Supporters
1/9-10/17	Coastal Legislative Briefing
1/9-10/17	Coastal Parishes Briefing
1/11/17	Restore the Mississippi River Delta Coalition
1/12/17	St. Bernard Parish
1/12/17	Louisiana Association of Conservation Districts
1/18/17	CPRA Board Meeting
1/23/17	Senator Hewitt
1/25/17	St. Tammany Parish
2/1/17	Governor's Advisory Commission on Coastal Protection, Restoration and Conservation
2/2/17	Iberia Levee District

Date	Organization/Entity
2/8/17	Shrimp Task Force
2/9/17	Barataria-Terrebonne National Estuary Program Management Conference
2/9/17	Coalition to Restore Coastal Louisiana Restoration Roadshow – Abbeville
2/14/17	Coalition to Restore Coastal Louisiana Restoration Board of Directors
2/14/17	Greater New Orleans Regional Planning Commission
2/15/17	Coalition to Restore Coastal Louisiana Restoration Roadshow – Lafitte
2/15/17	Oyster Task Force
2/16/17	America's Wetland Foundation Summit On the National Significance of Louisiana's Coastal Master Plan
2/17/17	Pointe au Chien and Isle de Jean Charles Tribes
2/20/17	FEMA/GOHSEP/OCD Staff Briefing
2/20/17	Ironton, Louisiana Coastal Connections Community Event
2/21/17	Lafourche Parish Coastal Zone Management Committee
2/21/17	Southeast Louisiana Flood Protection Authority – East Board Meeting
2/22/17	United Houma Nation Community Meeting - Dulac
2/22/17	USACE Engineers Week Seminar
3/2/17	Coalition to Restore Coastal Louisiana Restoration Roadshow – Cameron
3/9/17	RES/CON New Orleans: The Global Resilience Summit
3/9/17	St. Charles Parish
3/9/17	Delta Dispatches Radio Broadcast
3/10/17	Pontchartrain Maurepas Surge Consortium
3/14/17	Greater New Orleans Foundation Partners Meeting
3/15/17	CPRA Board Meeting
3/16/17	Coalition to Restore Coastal Louisiana Restoration Roadshow – Lacombe
3/30/17	Congressional Delegation Briefing
4/6/17	Shell
4/6/17	Delta Dispatches Radio Broadcast
4/19/17	CPRA Board Meeting
4/21/17	Tulane Engineering Forum
4/26/17	Governor's Advisory Commission on Coastal Protection, Restoration and Conservation

### 3.3.3 Public Comments

While this plan was developed using scientific rigor, it is also a plan for the citizens and communities of Louisiana and it was important that their voice be heard and their opinions considered. A draft version of the master plan was released to the public for review and comment and our team received 1,333 comments via public meetings, email, CPRA website, and mail. While there were different regional issues raised during each public meeting and in the comments we received, the overall tone of comments was very supportive of the level of detail, scientific analysis, and systematic approach taken by CPRA. Changes to the draft plan were made based on the feedback received at the public meetings and through public comments. We would like to thank all of those who took the time to come and speak with us or sent us a written comment. Hearing citizens' ideas firsthand is a crucial part of the plan's development, and we sincerely appreciate the time that so many people gave to the process. To read the public hearing transcripts see Attachment G1: Public Hearing Transcripts. All public comments are available in Attachment G2: Public Comments.

We read, reviewed, and considered all public comments received on the 2017 Coastal Master Plan. The comments were categorized by major themes and responses are provided on each theme listed below. Themes ranged from support of sediment diversions and suggestions for shoreline protection projects, to supporting local workers and businesses as the plan is implemented. Policy and implementation related comments will help guide our thinking as we move from the plan development phase to implementation of master plan projects and programs. The types and total numbers of comments received are listed in Table 3 below.

**Table 3: Public Comments Received.**

<b>Types of Comments</b>	<b>Numbers</b>
Public comments (mail, email, website, roadshows)	1,221
Public comments received at public hearings	112

### **3.3.4 Public Comments – Common Themes and Responses**

#### **Sediment Diversions**

Many citizens commented on their support of the State's effort to continue to push for large scale implementation of projects that build the most land and restore the natural functions of the Atchafalaya and Mississippi Rivers. Public comments focused on prioritizing sediment diversion projects and acting quickly to get these projects operational. Based on public and scientific support, it is no longer a question of whether we will do these types of diversion projects, but how quickly we will do them.

The master plan focuses on prioritizing 10 sediment diversion projects across the central and southeast coast for implementation within the first period (Years 1 – 10) and dedicates approximately \$4.2 billion to these projects. Specifically, the master plan recommends two Atchafalaya River diversions and eight Mississippi River diversions in the first period. The Mid-Barataria Diversion (002.DI.102) was recently awarded federal “fast track” status from the White House, which will streamline the federal permitting process and significantly reduce the time needed to move the project to construction. CPRA will continue to move forward with urgency to finalize engineering and implementation of these priority projects in coming years.

#### **Shoreline Protection**

Based on public comment, the 2017 Coastal Master Plan now includes the Vermilion Bay and West Cote Blanche Shoreline Protection (03b.SP.06a) and the Gulf Shoreline Protection (Calcasieu River to Rockefeller; 004.SP.05a) projects. These projects will provide near-shore rock breakwaters that will reduce wave energies on the Vermilion and West Cote Blanche Bay shorelines and along the gulf shoreline of Cameron and Vermilion parishes, respectively.

#### **Marsh Creation**

Based on public input, the State has included \$90 million within the first implementation period (years 1 – 10) to study the effectiveness and constructability of the Terrebonne Bay Rim Marsh Creation (03a.MC.03p) project to provide benefits to local communities and the Morganza to the Gulf protection system.

#### **Structural Protection**

Based on public comments, the Bayou Chene (03b.HP.13) project was added to the 2017 Coastal Master Plan. This structure has demonstrated on-the-ground results when addressing the

risk of river flooding; therefore, the state has included \$80 million for this project in the first implementation period.

### **Nonstructural Protection**

Many citizen comments were provided in support of the nonstructural risk reduction projects recommended in the 2017 Coastal Master Plan. The state is committed to identifying funds to implement these projects. Clarification of the process by which the Flood Risk and Resilience Program prioritizes low to moderate income households and works with parishes to implement projects was added to Chapter 5. Based on public comment, the Calcasieu Nonstructural Risk Reduction (CAL.01N) project was moved from the second implementation period to the first implementation period.

### **Mississippi River Gulf Outlet/Federal Consistency Issues**

Many comments applauded the master plan for including projects focused on restoring and protecting the ecosystem impacted by the Mississippi River Gulf Outlet (MRGO). Numerous federally authorized studies have been completed throughout coastal Louisiana, including the Louisiana Coastal Area Ecosystem Restoration Study (LCA Study), the MRGO Ecosystem Restoration Feasibility Study, the Southwest Coastal Louisiana Feasibility Study, and the West Shore Lake Pontchartrain Feasibility Study. The State's primary focus is on the projects that are recommended in these studies and included in the 2017 Coastal Master Plan. However, if federal funds are appropriated to implement a project from one of these studies, CPRA will consider partnering in its implementation.

### **Local Workforce Involvement**

Many comments were received encouraging CPRA to utilize the local workforce in project implementation. Public input ranged from requesting workforce training in water management and energy sectors to prioritizing local, small businesses for contracting and construction jobs created by the implementation of the 2017 Coastal Master Plan. The State understands the vital need to invest in the local workforce and local businesses and is considering the best method to involve those parties so that they may capture the benefits of the fastest growing job sector in coastal Louisiana.

### **Miscellaneous Comments**

Numerous miscellaneous comments that do not fit into a specific theme identified above were received. Some comments involved questions specific to projects or why certain sea level rise rates were selected. Other comments were not directly related to the master plan or were general statements regarding coastal restoration and protection in Louisiana. All comments were treated the same and were read, reviewed, and considered by the master plan team.

All public comments are available in Attachment G2: Public Comments.

## **4.0 Advisory Groups**

Throughout the master plan development process, advisory groups provided valuable feedback and recommendations that reflected broad, cross-interest perspectives.



## 4.1 Framework Development Team

The FDT served as the primary collaborative group supporting and providing insight and counsel to the Planning Team. FDT membership included a range of individuals, most of whom live in Louisiana and are intimately familiar with our coastal crisis, representing federal, state, and local governments; NGOs; business and industry; academia; and coastal communities. FDT members offered specific guidance on all major elements of the 2017 Coastal Master Plan and, as key advisors, they worked collaboratively to identify, discuss, and reach a common understanding about the tough choices that lie at the heart of protecting and restoring Louisiana's coast. FDT members were tasked with reaching out to citizens who share their interests, bringing these citizens' ideas to the table and, later, reporting back to these citizens about how their ideas were discussed and addressed in the 2017 Coastal Master Plan. In this capacity, the FDT served as an important distribution network for early-stage communications. The initial FDT meeting for the 2017 Coastal Master Plan was held in July 2014, with meetings occurring every three to four months thereafter. In addition, smaller workgroups were formed to address specific FDT interests, such as projects, modeling, and visualization. In all, there were ten FDT meetings, two workshops, and six workgroup meetings.

Framework Development Team Terms of Reference, Ground Rules, and Key Outcomes Memos are included as Attachment G3: Framework Development Team.

### 4.1.1 Membership

**Table 4: Framework Development Team Membership.**

Area Represented	Primary Member Organization	Alternate Member Organization
Barataria-Terrebonne National Estuary Program (BTNEP)	Michael Massimi	Andrew Barron
Building Industry Representative	Scott Kirkpatrick Coast Builders Coalition	Ken Naquin LA Association of General Contractors
Commerce and Business – Chemical Industry	Henry Graham Louisiana Chemical Association	Dan Borne Louisiana Chemical Association
Commerce and Business – Oil & Gas	Tyler Gray LA Mid Continent Oil and Gas Association	Stephen Carville LA Mid Continent Oil and Gas Association
Commerce and Business – Ports and Navigation	Merritt Lane Canal Barge Co., Inc.	Spencer Murphy Canal Barge Co., Inc.
	Matt Gresham Port of New Orleans	Jim Stark Gulf Intracoastal Canal Association
	Larry Rase LA River Pilots Association	
Community Representative	Patty Whitney Bayou History Center	Lanor Curole United Houma Nation
Land Conservation Group	Mike Carlross Ducks Unlimited	Leslie Suazo Ducks Unlimited

Area Represented	Primary Member Organization	Alternate Member Organization
	Karen Gautreaux The Nature Conservancy	
Recreational Fisheries Representative	Ryan Lambert LA Charter Boat Association	David Cresson CCA Louisiana
Commercial Fisheries Representative	Clint Guidry Louisiana Shrimp Association	
GOHSEP	Mark Riley	
Lake Pontchartrain Basin Foundation	John Lopez	
Landowner Representative	Paul Frey Louisiana Landowners Association	Greg Linscombe Continental Land and Fur
Local Flood Control	Dwayne Bourgeois Levee District Representative	Steve Wilson Association of Levee Boards of Louisiana
Louisiana Department of Natural Resources – Office of Coastal Management	Keith Lovell	
Louisiana Department of Wildlife and Fisheries	Glenn Thomas LDWF - Fisheries	Daniel Henry LDWF – Fisheries
	Todd Baker LDWF - Wildlife	
Louisiana Economic Development/Small Business Development	Mandi Mitchell Louisiana Economic Development	Sherri McConnell Louisiana Economic Development
		Simone Maloz South Louisiana Economic Council
Louisiana Sea Grant	Robert Twilley	Earl Melancon
Mississippi Department of Marine Resources – Coastal Restoration and Resilience Office	George Ramseur	
Mississippi River Delta Coalition	Jim Tripp Environmental Defense Fund	Cynthia Duet National Audubon Society
	David Muth National Wildlife Federation	
National Advocacy	Sidney Coffee America's Wetland Foundation	
National Oceanic and Atmospheric Administration	Richard Hartman NOAA - National Marine Fisheries Services	Mel Landry NOAA - Habitat Restoration Division
Parish Representative – East	Marnie Winter Jefferson Parish	deEtte Smythe, Donna O'Dell St. Tammany Parish
Parish Representative – Central	Cary Bergeron Lafourche Parish	Mart Black Terrebonne Parish
Parish Representative – West	Laurie Cormier Calcasieu Parish	Ryan Bourriaque Cameron Parish

Area Represented	Primary Member Organization	Alternate Member Organization
University/Academic Representative	Sam Bentley LSU Coastal Studies Institute	Alexander Kolker Tulane University
U.S. Army Corps of Engineers	Brad Inman	Mark Wingate Sarah Bradley
U.S. Department of Agriculture -Natural Resources Conservation Service	Quin Kinler	Ron Boustany
U.S. Fish and Wildlife Service	Darryl Clark	Ronald Paille

### 4.1.2 Workgroups

From time to time, workgroups were established in order for interested members to focus on specific topical areas. These workgroups met both in person and via teleconference, with report-outs from these meetings delivered at the following FDT meeting.

- **Projects Workgroup.** This group met to discuss the process for developing the list of candidate projects, provide input on the methodology and criteria used to determine how projects are evaluated and reevaluated, and review the projects that were considered for the 2017 Coastal Master Plan.
- **Modeling Workgroup.** This group met to review master plan modeling output.
- **Visualization and Communications Workgroup.** This group met to discuss and provide input on how best to communicate visual aspects of the plan, such as mapping model output (e.g., land change, flood depths, vegetation), project maps, and other diagrams. They also discussed communications and messaging regarding a number of topics like environmental scenarios and plan results for both communities and parishes.

## 4.2 Focus Groups

Large-scale coastal protection and restoration affects communities and businesses and industry in south Louisiana, as well as the entire state and even the rest of the nation. The Planning Team utilized five focus groups to integrate those perspectives: community, fisheries, landowners, energy and industry, and navigation.

As part of CPRA's effort to expand its engagement of key stakeholders and to receive and incorporate their input on an ongoing basis, the groups met regularly with the Planning Team to discuss plan development and implementation options for projects in key areas. At least one member of the FDT supported each focus group, and results from the focus groups' deliberations were reported at FDT meetings.

All focus group meeting summaries are included as Attachment G4: Focus Group Meeting Summaries.

### 4.2.1 Community Focus Group

The Community Focus Group was a newly created focus group for the 2017 plan to represent the interests of our coastal communities. The focus group largely consisted of community organizers and other nonprofit organizations with community-based missions.

**Table 5: Community Focus Group Membership.**

<b>Name</b>	<b>Organization/Affiliation</b>
Mary Biegler	Bayou Grace Community Services
Lanor Curole (FDT Alternate)	United Houma Nation
Theresa Dardar	Pointe-au-Chien Indian Tribe
Chief Thomas Dardar/Bette Billiot	United Houma Nation
Rob Gorman	Catholic Charities of the Diocese of Houma-Thibodaux
Rosa Herrin	Oxfam
Telley Madina	Oxfam
Diem Nguyen	Mary Queen of Vietnam Community Development Corporation
Sandy Nguyen	Coastal Communities Consulting, Inc.
Chief Shirell Parfait-Dardar	Grand Caillou/Dulac Band of Biloxi-Chitimacha-Choctaw
Rachel Pickens	Lower 9th Ward Center for Sustainable Engagement and Development (CSED)
Stephanie Rodrigue	Cameron Community Representative
Patty Whitney (FDT Representative)/ Maryal Mewherter	Bayou History Center / Bayou Interfaith Shared Community Organizing (BISCO)

#### 4.2.2 Fisheries Focus Group

The Fisheries Focus Group was created as part of the 2012 Coastal Master Plan development process and was reestablished to represent the interests of commercial and recreational fisherman. The focus group also included members of relevant state and federal regulatory agencies.

**Table 6: Fisheries Focus Group Membership.**

<b>Name</b>	<b>Organization/Affiliation</b>
George Barisich	United Commercial Fisherman's Association
Daryl Carpenter	Recreational Saltwater Fishing Task Force
David Cresson (FDT Alternate)	Coastal Conservation Association Louisiana
Daniel Edgar	Wild Caught Crawfish Industry
Clint Guidry (FDT Representative)	Shrimp Harvest Task Force
Billy Guste	LA Department of Wildlife and Fisheries
Richard Hartman (FDT Representative)	National Oceanic and Atmospheric Administration – National Marine Fisheries Service
Ryan Lambert (FDT Representative)	LA Charter Boat Association
Ronald Paille (FDT Alternate)	U.S. Fish and Wildlife Service
Brad Robin	Oyster Task Force
John Tesvich	Oyster Task Force
Glenn Thomas (FDT Representative)	LA Department of Wildlife and Fisheries
Borden Wallace	Menhaden Industry

#### 4.2.3 Landowners Focus Group

Approximately 80% of coastal Louisiana is privately owned and these landowners and land managers play a critical role in the implementation of coastal protection and restoration projects. As such, the Landowners Focus Group was established for the 2017 Coastal Master Plan process to facilitate ongoing dialogue between the Planning Team and landowners regarding development of the master plan.

**Table 7: Landowners Focus Group Membership.**

<b>Name</b>	<b>Organization/Affiliation</b>
Tim Allen	Apache Louisiana Minerals LLC
Todd Baker (FDT Representative)	Louisiana Department of Wildlife and Fisheries
Mike Benge	Delacroix Corporation
James Caillouet	Caillouet Land Corporation
Jay Caillouet	Caillouet Land Corporation
Chad Courville	Miami Corporation
Cynthia Duet (FDT Alternate)	Audubon/Rainey Alliance
Paul Frey (FDT Representative)	Louisiana Landowners Association
James Harris	U.S. Fish and Wildlife Service
JP Hebert	St. Mary Soil and Water Conservation District
Quin Kinler (FDT Representative)	Natural Resources Conservation Service
Greg Lier	Rathborne Land Company
Greg Linscombe (FDT Alternate)	Continental Land and Fur
Doug Miller	Sweetlake Land & Oil
Martin Miller	Miller Properties
Randy Moertle	McIlhenny Corp./Biloxi Marsh
Amanda Phillips	Edward Wisner Donation
Phil Precht	Conoco-Phillips
David Richard	Stream Family Ltd.
Sherrill Sagrera	Sagrera Property
John Stacy	Lacassane Company
Rudy Sparks	Williams, Inc.
Glenn Vice	The J.M. Burguires Co.

#### 4.2.4 Energy and Industry Focus Group

An Oil and Gas Focus Group was created as part of the 2012 Coastal Master Plan development process and was reconvened and repurposed as the Energy and Industry Focus Group for the 2017 Coastal Master Plan process in order to incorporate a broader perspective of organizations, both private as well as non-profit associations, that represent the economic interests of our working coast.

**Table 8: Energy and Industry Focus Group Membership.**

<b>Name</b>	<b>Organization/Affiliation</b>
David Ayers	Cheniere
Gifford Briggs	Louisiana Oil and Gas Association
Dave Cagnolatti	Phillips 66
Stephen Carville (FDT Alternate)	Louisiana Mid-Continent Oil and Gas Association
Tim Croxdale	Strategic Petroleum Reserve
Dennis Dawsey	Entergy
Rochelle Dugas	LOOP LLC
Felicia Frederick	Chevron

Name	Organization/Affiliation
Justin Furnace	Hilcorp
Henry Graham (FDT Representative)	Louisiana Chemical Association
Tyler Gray (FDT Representative)	Louisiana Mid-Continent Oil and Gas Association
Hugo Gutierrez	Marathon Oil
Mike Hayes	Sasol
Phyllis Holifield	Citgo
Brian Landry	Louisiana Association of Business and Industry
Chip Little	Colonial Pipeline
Thomas McNulty	Spectra
Will Nipper	Dow
Fred Palmer	Shell
Phil Precht	Conoco Phillips
Lisa Reed	Strategic Petroleum Reserve
Ian Voparil	Shell

#### 4.2.5 Navigation Focus Group

The Navigation Focus Group was created as part of the 2012 Coastal Master Plan development process and was reestablished for the 2017 Coastal Master Plan effort in order to engage key representatives of the maritime industry, including deep draft and shallow draft navigation.

**Table 9: Navigation Focus Group Membership.**

Name	Organization/Affiliation
Joe Accardo	Ports Association of Louisiana
David Allain	Port of West St. Mary
Sharon Balfour	DOTD Intermodal Transportation
Chett Chaisson	Greater Lafourche Port Commission
Z. David Deloach	Louisiana Association of Waterways and Shipyards
Sean Duffy	Louisiana Maritime Users Association
A.J. Gibbs	Crescent Port Pilots
Karl Gonzales	Greater New Orleans Barge Fleeting Association
Matt Gresham (FDT Representative)	Port of New Orleans
Steve Hathorn	New Orleans-Baton Rouge Steamship Pilots Association
Channing Hayden	Port of Lake Charles
Lynn Hohensee	Port of West Calcasieu
Merritt Lane (FDT Representative)	Canal Barge Company
Michael Miller	Associated Branch Pilots
Spencer Murphy (FDT Alternate)	Canal Barge Company
Steve Paquette	Federal Pilots
Mike Park	USACE MVN
John Pennison	Plaquemines Port
Craig Romero	Port of Iberia
Jim Stark (FDT Alternate)	Gulf Intracoastal Canal Association
Mac Wade	Port of Morgan City

## 4.3 Science and Engineering Board

The Science and Engineering Board (SEB) included scientists, engineers, and planners with national or international experience who cover the range of disciplines addressed in the 2017 Coastal Master Plan. The SEB provided independent technical review of plan elements and made specific recommendations about how the Planning Team could improve the scientific basis and/or planning elements to create the most credible approach.

Science and Engineering Board Terms of Reference, Ground Rules, and meeting summaries are included as Attachment G5: Science and Engineering Board.

**Table 10: Science and Engineering Board Membership.**

Name	Organization	Expertise
Dan Childers	Arizona State University	Wetlands
Margaret Davidson		Federal Policy/Resilience
Carl Friedrichs	Virginia Institute of Marine Science, William & Mary	Coastal Geoscientist
William Fulton	Rice University	Urban Planning
Ed Houde	University of Maryland	Fisheries
Jen Irish	Virginia Tech	Risk
Sandra Knight	WaterWorks, LLC	Water Resources
Mike Orbach	Duke University	Socio-economics
Len Shabman	Resources for the Future	Economist
Marius Sokolewicz	Royal Haskoning	Coastal Engineering

## 4.4 Technical Advisory Committees

Technical Advisory Committees (TACs) were small advisory groups made up of nationally known academics and practitioners who offered insight into specific elements of the master plan process. The 2017 Coastal Master Plan included two technical advisory committees.

### 4.4.1 Resiliency TAC

The Resiliency TAC offered working-level guidance and recommendations on the programmatic and policy measures needed to implement a comprehensive Flood Risk and Resilience Program.

Resiliency TAC meeting summaries are included as Attachment G6: Resiliency Technical Advisory Committee.

**Table 11: Resiliency TAC Membership.**

Name	Organization
Daniel Aldrich, Ph.D.	Northeastern University
Diane Austin, Ph.D.	University of Arizona
Gavin Smith, Ph.D.	University of North Carolina
Dan Zarrilli	City of New York, Mayor's Office of Recovery and Resiliency

#### 4.4.2 Predictive Models TAC

The Predictive Models TAC advised the technical teams working to improve the analytical tools that assessed how the coastal Louisiana landscape will evolve over the next 50 years and how that may result in changes in risk for coastal communities.

**Table 12: Predictive Models TAC Membership.**

<b>Name</b>	<b>Organization</b>
John Callaway, Ph.D.	University of San Francisco
Scott Hagen, Ph.D.	Louisiana State University
Courtney Harris, Ph.D.	Virginia Institute of Marine Sciences
Wim Kimmerer, Ph.D.	San Francisco State University
Mike Waldon	U.S. Fish and Wildlife Services (retired)

#### 4.5 State Steering Committee

The 2017 Coastal Master Plan is much more than just a plan. It guides our efforts to protect and restore the Louisiana coast and is built on a solid foundation of scientific and engineering principles. Because many State departments and agencies representing a broad range of interests and mandates are currently involved in coastal protection and restoration in various ways, we established a State Steering Committee. The State Steering Committee includes representatives from 27 departments and agencies and provided an opportunity for those individuals to receive regular updates and share their input regarding the development of the 2017 Coastal Master Plan, establishing shared ownership.

#### 4.6 Parish Floodplain Managers

The Parish Floodplain Managers Group consisted of parish floodplain managers and grant managers from the coastal parishes. This group was convened to discuss the Flood Risk and Resilience Program and obtain feedback on the program's draft framework, nonstructural project areas, and lessons learned from past recovery grant experiences. Increased coordination with this group was particularly instrumental in the development of the Flood Risk and Resilience Program.

#### 4.7 Flood Risk and Resilience Stakeholder Group

CPRA formed the Flood Risk and Resilience Stakeholder Group in 2013 to focus on lessons learned from past nonstructural programs, projects, and implementation issues. This group was engaged as appropriate to help shape community resilience and nonstructural elements of the 2017 Coastal Master Plan.