



Deepwater Horizon

Natural Resource Damage Assessment & Restoration Trustee Council Open House

June 17, 2021

Trustee Implementation Groups



Alabama

*Trustees for
Alabama*

*Federal
Trustees*



Florida

*Trustees for
Florida*

*Federal
Trustees*



Louisiana

*Trustees for
Louisiana*

*Federal
Trustees*



Mississippi

*Trustee for
Mississippi*

*Federal
Trustees*



Texas

*Trustees for
Texas*

*Federal
Trustees*



Open Ocean

*Federal
Trustees*



Region- wide

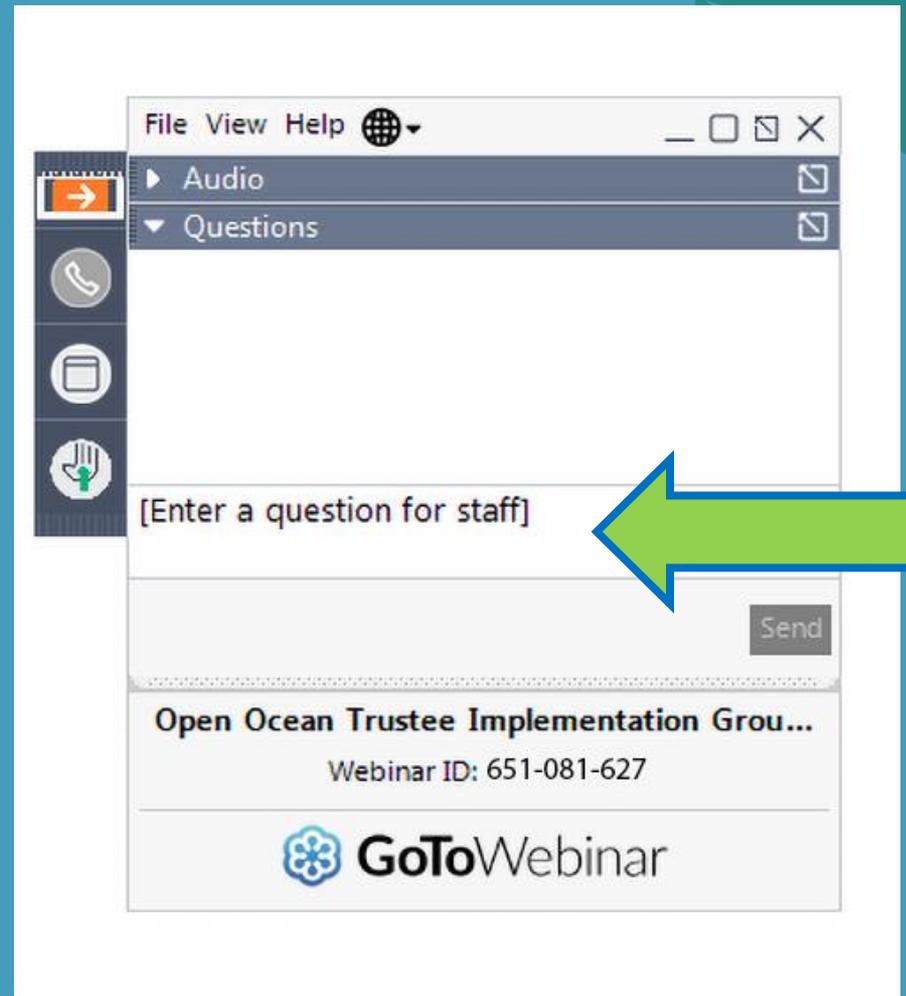
All Trustees

Trustee Representatives

Topic	Representative
Alabama Restoration Area	Chris Blankenship, AL
Louisiana Restoration Area	Maury Chatellier, LA
Florida Restoration Area	Gareth Leonard, FL
Mississippi Restoration Area	Chris Wells, MS
Texas Restoration Area	Angie Sunley, TX
Regionwide Restoration Area	Jon Wiebe, LA
Open Ocean Restoration Area	Laurie Rounds, NOAA
Trustee Council	Robin Riechers, TC Chair
Monitoring and Adaptive Management	Ann Hijuelos, DOI
Data Management and DIVER	Nancy Wallace, NOAA

Enter Your Questions

- All attendees are muted automatically
- Please type your questions in the questions box
- We may not get to all of your questions, but we'll do our best in the time we have



Thank you

Stay Tuned for the Trustee Council Annual Meeting Coming up Shortly



Get the latest **news updates** from
the *Deepwater Horizon* Trustees

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Deepwater Horizon

Natural Resource Damage Assessment & Restoration

Trustee Council

Annual Public Meeting

June 17, 2021

Tonight's Agenda

- **Welcome and Introduction**
- **Trustee Council Update**
- **Restoration Area Updates**
- **Your Comments**

Trustee Council Representatives



FLORIDA
Gareth
Leonard



ALABAMA
Chris
Blankenship



MISSISSIPPI
Chris
Wells



LOUISIANA
Bren Haase



TEXAS
Robin
Riechers
(Chair)



DOI
Mary Josie
Blanchard



EPA
Mary Kay
Lynch



NOAA
Chris
Doley



USDA
Homer
Wilkes

Trustee Council Update

Timeline of Key Restoration Events

APRIL 2010
Oil Spill

APRIL 2016
Settlement
Adds \$7.8B
in Natural
Resource
Damages

Today
JUNE 2021

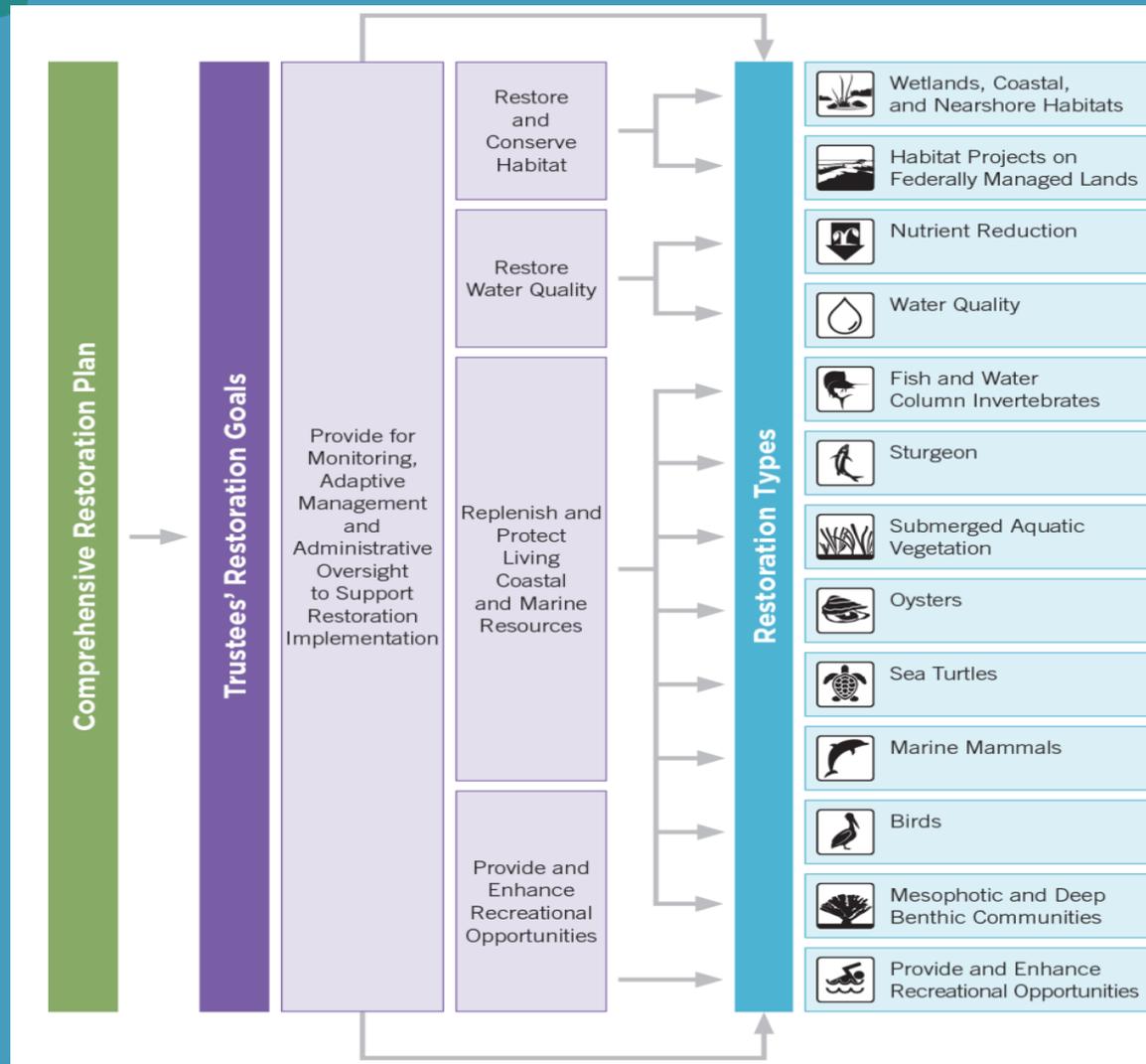
Early Restoration

APRIL 2011
\$1B Early
Restoration
Agreement
w/ BP

2017-2031

Trustees Receive Settlement Payments Every April
Trustees Release Annual Reports Every Year

Programmatic Damage Assessment & Restoration Plan



Allocation of Restoration Funds

Restoration Funding in Dollars

Major Restoration Categories	Unknown Conditions	Region-wide	Open Ocean	Alabama	Florida	Louisiana	Mississippi	Texas	Total Restoration Funding*
1. RESTORE AND CONSERVE HABITAT									
Wetlands, Coastal, and Nearshore Habitats				65,000,000	5,000,000	4,009,062,700	55,500,000	100,000,000	4,234,562,700
Habitat Projects on Federally Managed Lands				3,000,000	17,500,000	50,000,000	5,000,000		75,500,000
Early Restoration Projects (through Phase IV)				28,110,000	15,629,367	259,625,700	80,000,000		383,365,067
2. RESTORE WATER QUALITY									
Nutrient Reduction (Nonpoint Source)				5,000,000	35,000,000	20,000,000	27,500,000	22,500,000	110,000,000
Water Quality (e.g. Stormwater Treatments, Hydrologic Restoration, Reduction of Sedimentation, etc.)					300,000,000				300,000,000
3. REPLENISH AND PROTECT LIVING COASTAL AND MARINE RESOURCES									
Fish and Water Column Invertebrates			380,000,000						380,000,000
Early Restoration Fish and Water Column			20,000,000						20,000,000
Sturgeon			15,000,000						15,000,000
Sea Turtles		60,000,000	55,000,000	5,500,000	20,000,000	10,000,000	5,000,000	7,500,000	163,000,000
Early Restoration Sea Turtles		29,256,165						19,965,000	49,221,165
Submerged Aquatic Vegetation						22,000,000			22,000,000
Marine Mammals		19,000,000	55,000,000	5,000,000	5,000,000	50,000,000	10,000,000		144,000,000
Birds		70,400,000	70,000,000	30,000,000	40,000,000	148,500,000	25,000,000	20,000,000	403,900,000
Early Restoration Birds		1,823,100		145,000	2,835,000	71,937,300		20,603,770	97,344,170
Mesophotic and Deep Benthic Communities			273,300,000						273,300,000
Oysters		64,372,413		10,000,000	20,000,000	26,000,000	20,000,000	22,500,000	162,872,413
Early Restoration Oysters				3,329,000	5,370,596	14,874,300	13,600,000		37,173,896
4. PROVIDE AND ENHANCE RECREATIONAL OPPORTUNITIES									
Provide and Enhance Recreational Opportunities				25,000,000	63,274,513	38,000,000	5,000,000		131,274,513
Early Restoration of Recreational Loss			22,397,916	85,505,305	120,543,167	22,000,000	18,957,000	18,582,688	287,986,076
5. MONITORING, ADAPTIVE MANAGEMENT, AND ADMINISTRATIVE OVERSIGHT									
Monitoring and Adaptive Management		65,000,000	200,000,000	10,000,000	10,000,000	225,000,000	7,500,000	2,500,000	520,000,000
Administrative Oversight and Comprehensive Planning		40,000,000	150,000,000	20,000,000	20,000,000	33,000,000	22,500,000	4,000,000	289,500,000
Adaptive Management NRD Payment for Unknown Conditions	700,000,000								700,000,000
TOTAL NRD FUNDING	\$700,000,000	\$349,851,678	\$1,240,697,916	\$295,589,305	\$680,152,643	\$5,000,000,000	\$295,557,000	\$238,151,458	\$8,800,000,000

Trustee Implementation Groups



Alabama

*Trustees for
Alabama*

*Federal
Trustees*



Florida

*Trustees for
Florida*

*Federal
Trustees*



Louisiana

*Trustees for
Louisiana*

*Federal
Trustees*



Mississippi

*Trustee for
Mississippi*

*Federal
Trustees*



Texas

*Trustees for
Texas*

*Federal
Trustees*



Open Ocean

*Federal
Trustees*



Region- wide

All Trustees

Recreational Use:
Section 4.10



Nearshore Marine Ecosystem:
Section 4.6

Birds:
Section 4.7



Beach Habitat,
in Nearshore Marine
Ecosystem Injuries:
Section 4.6

Sea Turtles:
Section 4.8



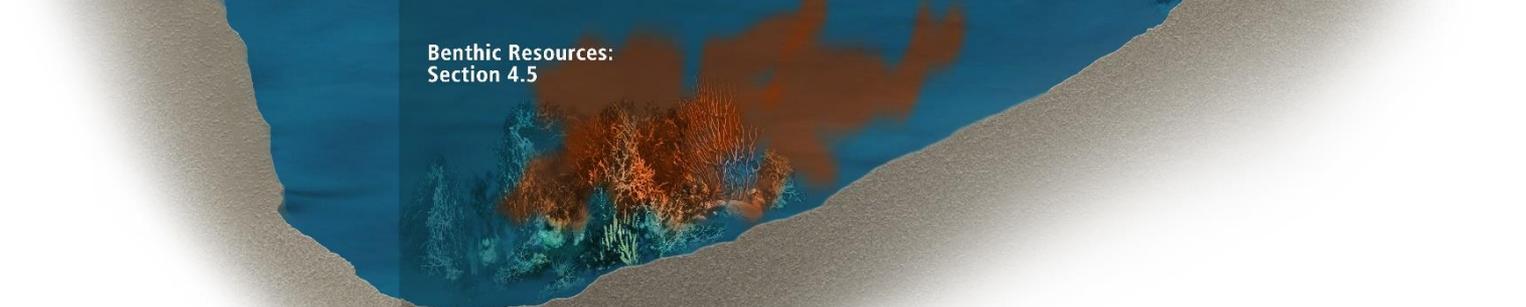
Water Column Species:
Section 4.4



Marine Mammals:
Section 4.9



Benthic Resources:
Section 4.5



© 2015 NOAA. Illustration by Kate Sweeney

Source: Programmatic Restoration Plan

Restoration Work Since Settlement

- Individual projects often benefit multiple restoration types
- Some projects are located in multiple locations across the Gulf
- We leverage funding sources to maximize Gulf ecosystem restoration
- We work with local experts to benefit resources and the services they provide

Council Work Since Settlement

Monitoring & Adaptive Management

- Developing monitoring guidance for birds, marine mammals, sea turtles, mesophotic deep benthic, and fish restoration projects.
- Supporting programmatic evaluation efforts for the 5-year programmatic review.
- Continuing to identify opportunities for improving data management.

Outreach and Reporting

2020

- Gulf Spill Website and Public Engagement
 - 60 web articles, 77 emails drawing 130,000 visitors
 - 9 public webinars, adjusting to “virtual” engagement opportunities

2021

- Continued Annual reporting
 - 210+ projects
 - Annual financial summary
- Website update

Future

- Release of a program review of governance, process, outreach and restoration

Restoration Area Updates



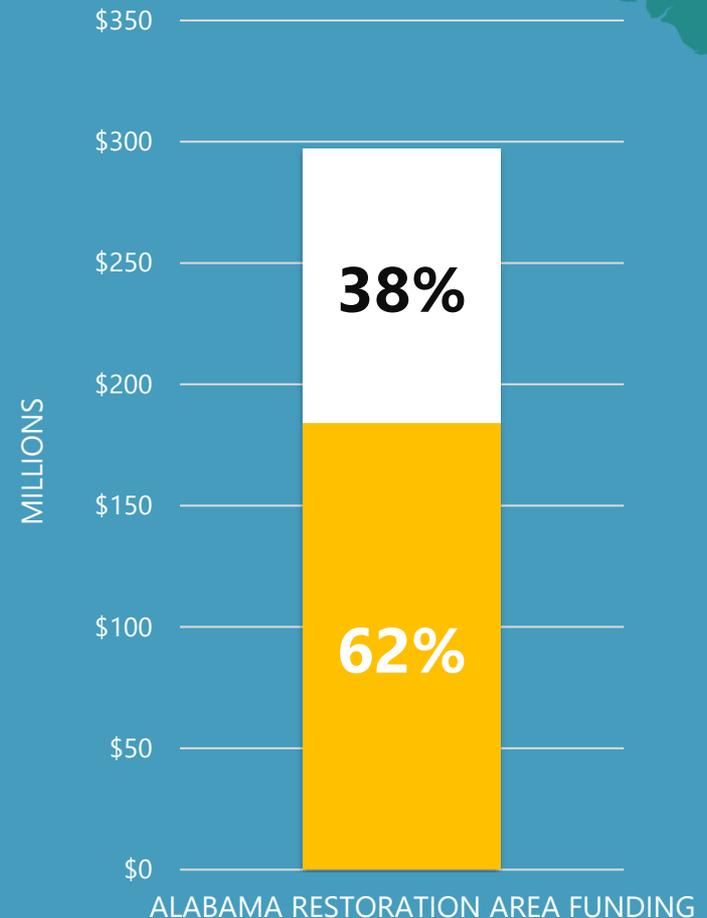
Alabama Restoration Area

Chris Blankenship
Alabama Department of Conservation and Natural Resources



Alabama Funding Update

- Committed approximately \$184 million for projects and planning activities as of May 2020
- The total allocation is \$295 million





Recent Alabama Activities

- Continued implementation and monitoring of projects from Early Restoration and Restoration Plans I, II, and III
- Released an Addendum to the Final Alabama TIG Restoration Plan III in January 2021 approving use of earned interest to fund two recreational use projects

Featured Project: Dauphin Island West End Acquisition



- In January 2021, we acquired 838 acres on the west end of Dauphin Island
- Acreage includes dunes, marsh, and beaches which sea turtles and several bird species use for nesting
- Upcoming activities include development of a bird conservation management plan





Future Alabama Activities

- Continue implementation and monitoring of projects
- Annual Meeting of Alabama Trustee Implementation Group, Fall 2021



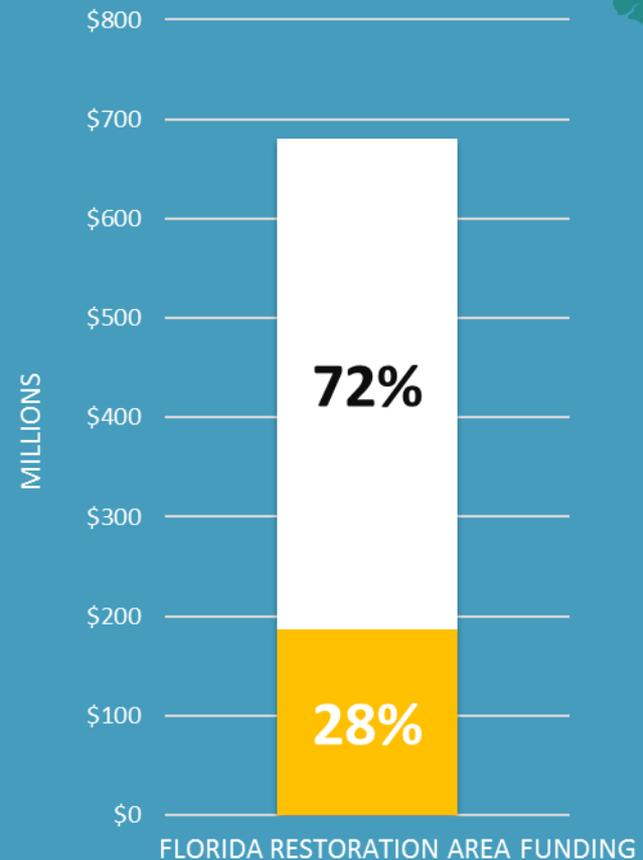
Florida Restoration Area

Gareth Leonard
Florida Fish and Wildlife Conservation Commission



Florida Funding Update

- Committed over \$187 million for projects and planning activities as of May 2021
- The total allocation is \$680 million





Recent Florida Activities

- Continued implementation and monitoring of Early Restoration projects
- Held the TIG's annual public meeting in December 2020
- Released the Draft Restoration Plan 2 in February 2021



Featured Project: Strategically Provided Boat Access Along Florida's Gulf Coast

- Restoration Type: Provide and Enhance Recreational Opportunities
- Budget: \$3,248,340
- Improved five existing boat ramp and/or marina facilities in the Florida Panhandle to enhance and/or increase recreational boating and fishing opportunities





Future Florida Activities

- Continue implementation and monitoring of Early Restoration projects
- Continue implementation and monitoring of Final Restoration Plan 1 projects
- Finalize and release Restoration Plan 2
- Begin Restoration Plan 3 planning



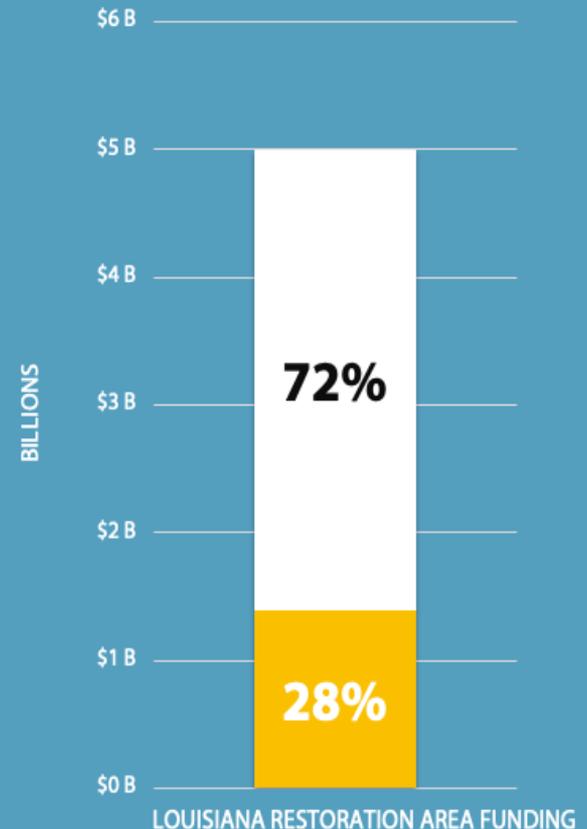
Louisiana Restoration Area

Maury Chatellier
Louisiana Coastal Protection and Restoration Authority



Funding Update

- Committed approximately \$1.4 billion for projects and planning activities as of May 2021.
- The total allocation for Louisiana is \$5 billion.





Recent Activities

Final Restoration Plan/EA #1.2

- Final Restoration Plan to Restore for Wetlands, Coastal and Nearshore Habitats.

Final Restoration Plan/EA #5

- Final Restoration Plan to Restore for Living Coastal Marine Resources – Marine Mammals and Oysters

Final Restoration Plan/EA #7

- Final Restoration Plan to Restore for Birds and Wetlands, Coastal and Nearshore Habitats

Continued Project Implementation and MAM Activities

- Multiple projects for approximately \$406M
- Numerous MAM activities totaling over \$21M



West Grand Terre Island





Future and Ongoing Activities

Draft Restoration Plan and Environmental Assessment #3.2

- Mid Barataria Sediment Diversion.
- Proposed budget up to \$2,000,000,000

Draft Restoration Plan and Environmental Assessment #8

- Wetlands, Coastal and Nearshore Habitats.
- Proposed budget TBD Winter 2021



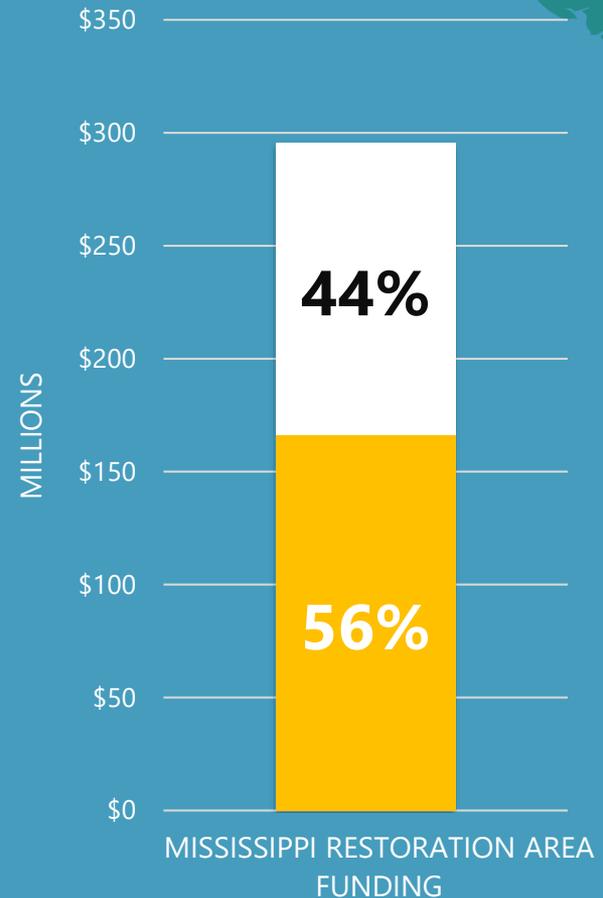
Mississippi Restoration Area

Chris Wells
Mississippi Department of Environmental Quality



Funding Update

- Committed approximately \$166 million for projects and planning activities as of May 2020.
- The total allocation is \$295 million.





Recent Activities

- The MS TIG published its second Restoration Plan/Environmental Assessment in September of 2020 which approved four restoration projects.
- In October 2020 we requested project ideas from the public for RP 3 which may include Habitat Projects on Federally Managed Lands, Birds, Marine Mammals, Recreational Opportunities and Sea Turtles

Featured Project: Hancock County Marsh Living Shoreline Marsh Creation





Future Activities

- Continue restoration project implementation and monitoring.
- Begin work on the Draft Restoration Plan 3 which is slated for publication in late 2021
- Project Implementation
- Hold Annual Meeting and Mississippi Restoration Summit in the fall of 2021.



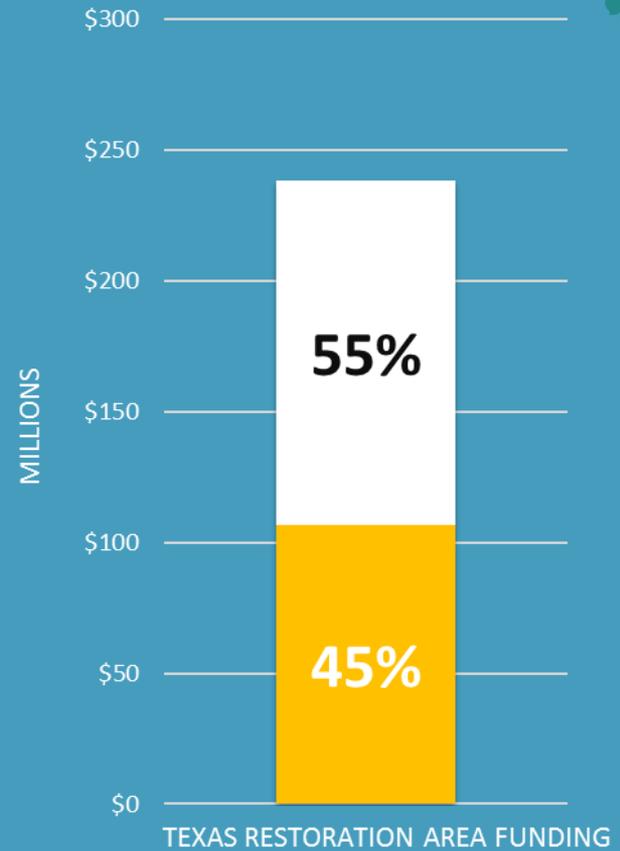
Texas Restoration Area

Robin Riechers
Texas Parks and Wildlife Department



Texas Funding Update

- Committed approximately \$107 million for projects and planning activities as of June 2021
- The total allocation is \$238 million





Recent Texas Activities

- Began Construction
 - Galveston Island State Park Beach Redevelopment
 - Bahia Grande Hydrologic Restoration
- Began Monitoring
 - Indian Point Shoreline Erosion Protection
 - Sea Rim State Park Improvements
- Planning Activities
 - Completed Bird Island Cove Habitat Restoration Engineering
 - Started for Dressing Point Texas Rookery Island

Featured Project – Sea Turtle Restoration in Texas



Provides resources for nesting, stranding, and rehabilitation activities

2021 had a historic cold-stunning event in Texas



Future TX TIG Acquisition and Construction Activities



- Acquire Habitat
 - Follets Island
 - Bahia Grande Coastal Corridor
- Begin construction
 - Texas Rookery Islands - Dickinson Bay Island II
 - Bessie Heights Wetland Restoration
 - McFaddin Beach and Dune Restoration
 - Pierce Marsh Wetland Restoration
 - Bahia Grande Hydrologic Restoration



Future Texas Planning Activities

- Complete Planning/Engineering/Design
 - Oyster Restoration Engineering
 - Dredge Material Planning for Wetland Restoration
 - Texas Rookery Islands – Rollover Bay Island
 - Essex Bayou Habitat Restoration Engineering
- Continue implementation and monitoring of 20 projects from early restoration and the 2017 Restoration Plan
- Continue work on the Draft Restoration Plan 2



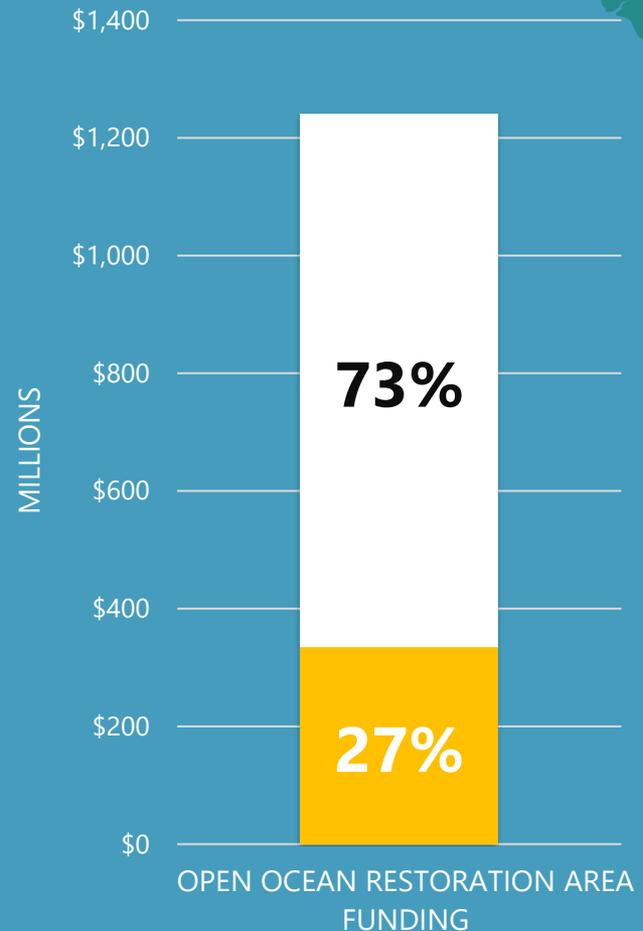
Open Ocean Restoration Area

Laurie Rounds
National Oceanic and Atmospheric Administration



Open Ocean Funding Update

- Committed approximately \$335 million for projects and planning activities as of May 2021.
- The total allocation is \$1.2 billion.





Recent Open Ocean Activities

- Continued to implement 24 projects including 3 early restoration projects.
- Continued to implement three Monitoring and Adaptive Management activities and address priorities in our Open Ocean Monitoring and Adaptive Management Strategy.
- Requested bird and sturgeon project ideas for our third plan, receiving 76 submissions before the deadline.
- Held public meetings to get input for Fish and Water Column Invertebrate strategic restoration planning and identify key engagement topics.

Featured Project: Oceanic Fish Restoration



- Participating pelagic longline fishermen helped reduce fishing pressure on pelagic fish and restore fish populations in the Gulf.
- About one million pounds of pelagic fish remained in the Gulf to grow and reproduce (2017-2019).
- See more project results in the OFRP Monitoring Summary Report to be released soon.





Future Open Ocean Activities

- Continue implementing and monitoring restoration projects and monitoring and adaptive management activities.
- Address initial Open Ocean monitoring and adaptive management priorities.
- Draft Restoration Plan 3 for Birds and Sturgeon.
- Hold our Trustee Implementation Group Annual Meeting.



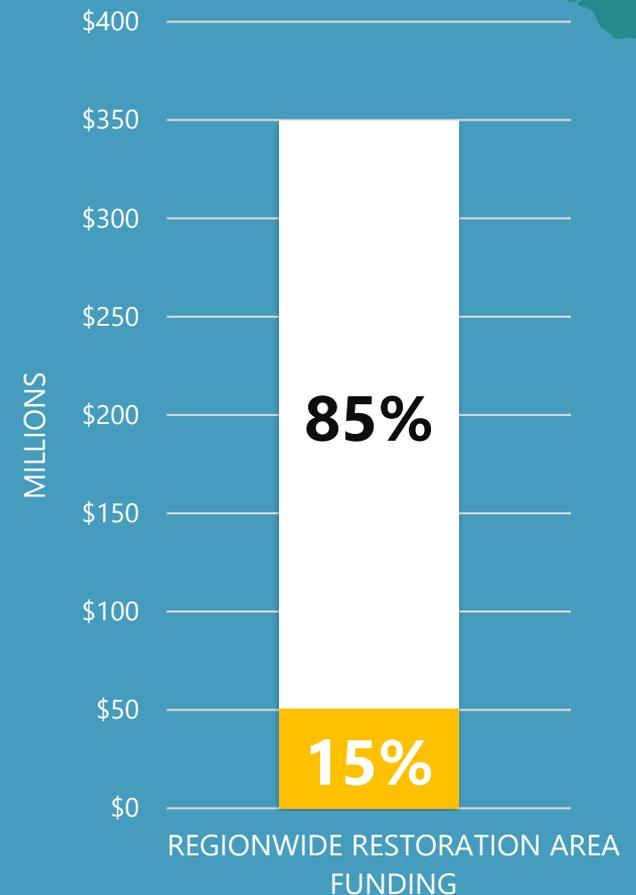
Region-wide Restoration Area

Jon Wiebe
Louisiana Department of Wildlife and Fisheries



Funding Update

- Committed approximately \$51 million for projects and planning activities as of June 2021.
- The total allocation is \$350 million.





Recent Activities

- 3/22/21: Draft RPEA 1 released for public review / comment
- 4/15/21: Held two public meetings for Draft RPEA 1

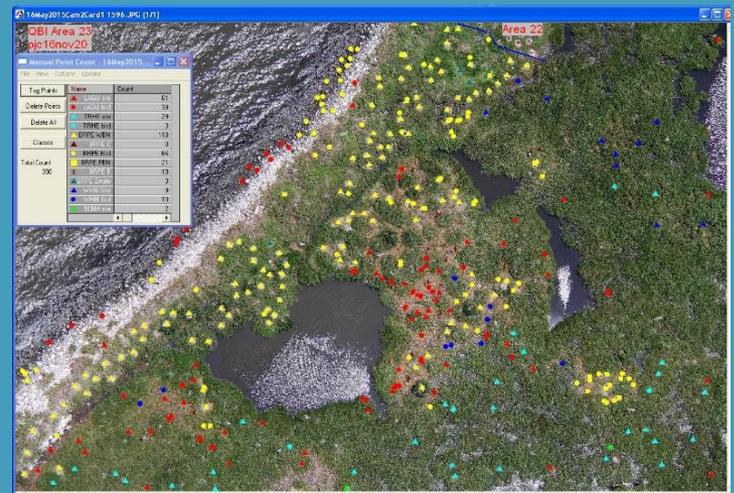


**Regionwide
Trustee Implementation Group
Draft Restoration Plan/
Environmental Assessment 1:**
Birds, Marine Mammals, Oysters, and Sea Turtles

March 22, 2021



Featured Project: Colonial Waterbird Monitoring





Future Activities

- Final RPEA 1 anticipated by fall 2021
- Continue implementation and monitoring of Early Restoration projects
- Begin implementation of projects selected in Final RPEA1
- Discuss / identify current and future Region-wide priorities



**We'd Like to Hear
From You**

Trustee Council Representatives



FLORIDA
Gareth
Leonard



ALABAMA
Chris
Blankenship



MISSISSIPPI
Chris
Wells



LOUISIANA
Bren Haase



TEXAS
Robin
Riechers
(Chair)



DOI
Mary Josie
Blanchard



EPA
Mary Kay
Lynch



NOAA
Chris
Doley



USDA
Homer
Wilkes

Comments

- All attendees are muted automatically
- Please enter your audio PIN if you plan on speaking via phone – you will be unmuted by staff at the beginning of your comment
- Enter your name in the questions box to request a speaking slot

The screenshot shows the GoToWebinar interface with the following elements:

- Audio Settings:** A window titled 'Audio' with a sidebar containing icons for phone, calendar, and hand. The main area has two radio buttons: 'Computer audio' (unselected) and 'Phone call' (selected). Below are fields for 'Dial: ###-###-####', 'Access Code: ###-###-####', and 'Audio PIN: ##'. A note says 'Already on the call? Press ### now.' and a dropdown menu is set to 'United States'. A link 'Problem dialing in?' is at the bottom.
- Questions:** A section titled 'Questions' with a text input field containing '[Enter a question for staff]' and a 'Send' button.
- Footer:** Text reads 'Multi sessions different registrants', 'Webinar ID: 357-351-315', and the GoToWebinar logo.

Three red arrows point to specific features with explanatory text boxes:

- An arrow points to the 'Phone call' radio button. The text box says: "If you call into the webinar with a phone, do not select computer audio."
- An arrow points to the 'Audio PIN' field. The text box says: "If you use a phone and wish to make a comment you will need to enter your personal audio PIN in order to speak. (Computer audio users to not need to enter a PIN)"
- An arrow points to the 'Questions' input field. The text box says: "To communicate with staff, type questions here."

Comments

**Comment in
progress**

Comments

**1 minute
remaining**

Comments

**30 seconds
remaining**

Comments

**10 seconds
remaining**

Comments

Time is up

Thank you

www.gulfspillrestoration.noaa.gov