Agenda

- NRDA and Deepwater Horizon
- Funding in Texas
- Current Project Solicitation
- Active Project Updates
Authority: Oil Pollution Act of 1990

Trustees: Designated federal, state, and tribal agencies

Responsibilities:
- Determine injury to natural resources and ecosystem services
- Assess damages for injuries to recover and restore natural resources and services
- Recover damages or restoration to compensate the public for those injuries

Goal: Restore injured natural resources to baseline condition and to replace ecosystem services lost while the habitat was contaminated, effectively making the environment and public whole
Deepwater Horizon Oil Spill

- In April 2010, the Deepwater Horizon exploded, caught fire, and sank
- Discharged 3.19 million barrels of oil into the Gulf of Mexico over 87 days
- Injured wildlife, habitats, and ecological functions
- Adversely effected recreational opportunities

Impacted shoreline and state waters of Louisiana, Alabama, Mississippi, Texas, and Florida and in the open waters of the Gulf of Mexico
PDARP to Restoration

**PDARP**
- Framework document for future project-specific restoration plans
- Identifies approaches and techniques for restoration

**Restoration Plans**
- Identifies specific projects for restoration types established in PDARP
- Multiple restoration plans released over time
- Projects must be consistent with restoration goals, types, approaches, and techniques identified in PDARP

**Restoration Projects**
- Multiple restoration projects under each restoration plan
- Must be implemented in accordance with PDARP and restoration plan
Injury Quantification:
• Determines nature and extent of injuries to natural resources and services

Restoration Planning:
• Establishes restoration goals
• Identifies type and amount of restoration needed to compensate for the impacts
• Identifies approaches and techniques for restoration and monitoring

Damages:
• Allocates restoration funding for specific restoration types by geographic area
Responsible for planning and implementing restoration activities within the Texas Restoration Area

- Identify, develop, and evaluate project alternatives
- Draft restoration plans identifying proposed projects
- Engage the public for comment on restoration plans
- Select and implement restoration projects
- Conduct monitoring and adaptive management
Texas TIG Agencies

National Oceanic and Atmospheric Administration
Department Of the Interior
United States Department of Agriculture
United States Environmental Protection Agency
Texas Parks and Wildlife Department
Texas Commission on Environmental Quality
Texas General Land Office
Total Allocation

- Louisiana TIG: $5,000,000,000
- Open Ocean TIG: $1,240,697,916
- Florida TIG: $680,152,643
- Regionwide TIG: $349,851,678
- Alabama TIG: $295,589,305
- Mississippi TIG: $295,557,000
- Texas TIG: $238,151,458
- Unknown Conditions: $700,000,000
## Deepwater Horizon NRDA Restoration Funding

<table>
<thead>
<tr>
<th>Major Restoration Categories</th>
<th>Unknown Conditions</th>
<th>Region-wide</th>
<th>Open Ocean</th>
<th>Alabama</th>
<th>Florida</th>
<th>Louisiana</th>
<th>Mississippi</th>
<th>Texas</th>
<th>Total Restoration Funding*</th>
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<tr>
<td><strong>1. RESTORE AND CONSERVE HABITAT</strong></td>
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<td>Wetlands, Coastal, and Nearshore Habitats</td>
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<td><strong>2. RESTORE WATER QUALITY</strong></td>
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<td>Nutrient Reduction (Nonpoint Source)</td>
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<td>Water Quality (e.g. Stormwater Treatments, Hydrologic Restoration, Reduction of</td>
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<td>Sedimentation, etc.)</td>
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<td><strong>3. REPLENISH AND PROTECT LIVING COASTAL AND MARINE RESOURCES</strong></td>
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<td>Sturgeon</td>
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<td>Sea Turtles</td>
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<td>Submerged Aquatic Vegetation</td>
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<td>Birds</td>
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<td>Oysters</td>
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<td><strong>4. PROVIDE AND ENHANCE RECREATIONAL OPPORTUNITIES</strong></td>
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<td>Provide and Enhance Recreational Opportunities</td>
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<td><strong>5. MONITORING, ADAPTIVE MANAGEMENT, AND ADMINISTRATIVE OVERSIGHT</strong></td>
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<td>Monitoring and Adaptive Management</td>
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<td><strong>TOTAL NRDA FUNDING</strong></td>
<td>$709,600,000</td>
<td>$5,349,315,976</td>
<td>$81,240,887,916</td>
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<td>$235,500,000</td>
<td>$235,151,643</td>
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</table>
Texas Allocation of Restoration Funds

Restoration funding allocated to the Texas Restoration Area for each restoration goal:

- **$91 million**: Restore and Conserve Habitat
- **$100 million**: Restore Water Quality
- **$19 million**: Replenish and Protect Living Coastal and Marine Resources
- **$23 million**: Provide and Enhance Recreational Opportunities
- **$7 million**: Monitoring, Adaptive Management, Administrative Oversight
Commitment of Restoration Funds

Committed versus remaining restoration funding allocated for each restoration goal

Data current as of May 2019
Restoration work in the Texas Restoration Area will focus on restoring wetlands and other coastal habitats and reducing nonpoint source pollution. We will also restore wildlife injured by the spill, including oysters, birds, and sea turtles.

Together, the trustees will restore natural resources—and the services they provide—that were injured by the spill. We will develop project-specific restoration plans, consistent with the programmatic restoration plan (see chart below). As part of the restoration planning process, we will accept restoration project ideas from the public. The public will also have the opportunity to review and comment on any proposed project-specific restoration plans for the Texas Restoration Area. Once approved, we will then begin implementation and monitoring of the selected projects.

https://www.gulfspillrestoration.noaa.gov/restoration-areas/texas
Texas TIG Current Planning Activities

• Solicitation of Project Ideas
Project Idea Solicitation

• Public is invited to submit new restoration ideas or revise previously-submitted ideas through the Trustee Council’s project idea submission portal.

• Trustees will be evaluating ideas submitted or revised between October 1, 2020 and December 10, 2020

• Draft Restoration Plan expected to be released next fall
Projects will be considered to address injuries to the following restoration types:

- Wetlands, coastal, and nearshore habitats
- Nutrient reduction (nonpoint source)
- Oysters
- Sea turtles
- Birds
- **Wetlands, Coastal, and Nearshore Habitats**

  - Create, restore, and enhance coastal wetlands
  - Create, restore, and enhance barrier and coastal islands and headlands
  - Restore and enhance dunes and beaches
Nutrient Reduction (Nonpoint Source)

- Restore water quality through nonpoint source nutrient reduction
- Prioritization criteria from the Texas Coastal Waters: Nutrient Strategies Report
- Include measurable in-stream or downstream nutrient reduction outcomes
- Please read the Nutrient Reduction Strategies Report!

Photo by Sam Sugarek
- Oysters

- Restore oyster abundance and spawning stock
- Restore resilience to oyster populations
- Restore a diversity of oyster reef habitats
- Prioritize landscape scale restoration
- Please read the Strategic Framework for Oyster Restoration Activities!

Photo provided by U.S. Fish and Wildlife Service
Sea Turtles

• Enhance hatchling productivity and restore and conserve nesting beach habitat
  • Provide education and outreach
  • Protect nests and nesting beaches
  • Enhance nesting beach restoration and resiliency
• Reduce bycatch through enhanced training and outreach, or enforcement
• Increase survival through enhanced mortality investigation and response
• Please read the Strategic Framework for Sea Turtle Restoration Activities!
• Bird nesting and foraging habitat
• Coastal wetlands
• Barrier and coastal islands and headlands
• Prevent incidental bird mortality
• Please read the Strategic Framework for Bird Restoration Activities!
Project Idea Submission Portals

**Restore the Texas Coast Website:**
Submit a new idea.
https://restorethetexascoast.org/

**Trustee Council’s project idea submission portal:**
Submit a new idea or revise an existing one.
https://www.gulfspillrestoration.noaa.gov/restoration/give-us-your-ideas/suggest-a-restoration-project/

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**Suggest a Project**

**Share Your ideas**

Do you have ideas for a specific restoration project in your area? You can use the online form below to give us the details and your information will be entered into our database. These suggested projects will be retained as part of a database that will be evaluated by the trustees for consideration in project-specific restoration plans that will be subject to public review and comment.

- Please keep a record of your confirmation number after submitting your information. It is useful for editing your submission in the future.
- You can edit your submission by selecting “Edit an Existing Project” in the form below.
- To see your submission and others in an interactive map visit the “View Submitted Projects” page.

If you are having problems with the online form, email arda.projects@noaa.gov to obtain a copy of the alternate submission form.

**Guidelines for Completion**

Please complete all of the information requested with the best information that you have available. Specific instructions for each field in the form can be obtained by placing your mouse pointer on the "i" symbol associated with the field title.

Would you like to enter a new project or edit an existing project?

- Enter a New Project
- Edit an Existing Project
- Remove an Existing Project from Consideration
Twenty (20) active projects along the Texas coast include:

- Hydrologic and wetland restoration
- Habitat acquisition
- Park redevelopment and improvements
- Oyster restoration
- Artificial reef construction
- Sea turtle restoration
- Rookery Island construction

* Project numbers correlate to NOAA Storymap IDs
Laguna Atascosa Habitat Acquisition

Location: South Padre Island, Texas

Description:

• Acquisition of important coastal habitat conveyed to U.S. Fish and Wildlife Service - Laguna Atascosa National Wildlife Refuge

• Targets acquisition of at least 1,682 acres of beach, dune, and tidal habitats

Benefits: Wetlands, coastal and nearshore habitats
Mid-Coast Habitat Acquisition

Location: East Matagorda Bay, Lake Austin, and Chinquapin Bayou

Description:

• Coastal salty prairie and tidal wetland habitat that supports affected fish and wildlife
• Land acquisition of 693 acres conveyed to US Fish and Wildlife Service - Big Boggy National Wildlife Refuge

Benefits: Long-term protection of wetlands and nearshore habitats
Dredged Material Planning for Wetlands Restoration

Alternative 1: McFaddin NWR Mud Bayou
Alternative 2: McFaddin NWR Barnett Lake Broken Marsh
**Location:** West Galveston Bay, Bird Island Cove

**Description:** Project to conduct preliminary and final engineering and design of a breakwater structure to protect McAllis and Shell Island points, Bird Island Cove, and a portion of Jumbile Cove

**Benefits:** Breakwater structure to provide roughly 8,500 linear feet of protection to marshes and previously restored marshes in West Bay
Recently Completed Projects and the 2020 Hurricane Season
Send us your feedback...

Please submit your comments on this presentation through the Texas Parks & Wildlife Department Comment Portal:

https://tpwd.texas.gov/business/feedback/public_comment/

Texas Trustee Implementation Group Annual Public Meeting
- Date: November 4, 2020
- Time: 12 a.m. to 11:59 p.m. CST
- Please view the video, and submit comments at the Texas Parks and Wildlife Department’s public comment portal under the “Texas TIG Annual Meeting Video Presentation” heading.

If you need special assistance, including language assistance, please contact TXDWHNRDA@tpwd.texas.gov by October 28, 2020.

A PDF of the presentation slides will be posted and available at the Trustees’ Texas Restoration Area page on November 6, 2020.
Thank you!