3 Main Restoration Processes

• Natural Resource Damage Assessment (NRDA)

• National Fish and Wildlife Foundation (NFWF)

• RESTORE Act
# Deepwater Horizon Oil Spill
## Mississippi Restoration Funds

<table>
<thead>
<tr>
<th>2015 Settlement</th>
<th>Previously Allocated</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Resource Damage Assessment $183 Million</td>
<td>Natural Resource Damage Assessment Early Restoration $112.557 Million</td>
<td>$2.174 Billion</td>
</tr>
<tr>
<td>RESTORE Act $582 Million</td>
<td>RESTORE Act $106 Million</td>
<td>Making Mississippi Whole</td>
</tr>
<tr>
<td>Economic Damages $750 Million</td>
<td>National Fish and Wildlife Foundation $356 Million</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Initial Response $85.168 Million</td>
<td></td>
</tr>
</tbody>
</table>
Settlement

$1.5 billion agreement in principle with BP. Mississippi will receive:

- ~ $183 M in NRDA payments to be paid over 15 years, primarily for environmental restoration;

- ~ $582 M in Clean Water Act penalties under the RESTORE Act paid over 15 years and used primarily for environmental projects, research and economic development;

- ~ $750 M in economic damages paid over 17 years as a result of Mississippi’s own lawsuit against BP. Mississippi is scheduled to receive a payment of $150 million in 2016 and equal yearly payments of $40 million from 2019-2033. The funds will be available for appropriation by the Mississippi Legislature.
NRDA

• Led by Trustees (NOAA controlled)
  – MS Trustee: MDEQ

• 3 stages (Currently in Stage 2)
  1. Preassessment
  2. Injury Assessment & Restoration Planning
  3. Restoration Implementation

• Currently in Phase 4 of Funding
  – 2 MS Projects, ~$37 M

• Updated October 5, 2015: Public comment on draft restoration plan through December 4, 2015. $8.8 B/15 years.
NFWF

• Funded with criminal penalties against BP and Transocean
• Funded through Gulf Environment Benefit Fund
• $2.544 B/5 years to support projects that remedy harm to natural resources in Gulf States.
• $68 M to Mississippi to date; $356 M expected over next 5 years.
• NFWF does not have to seek public input.
• November 2015: 3rd round of projects awarded, $30 M
# Deepwater Horizon Oil Spill
## Mississippi Restoration Projects

### Natural Resource Damage
**Assessment Early Restoration**
$79.67 Million Committed

<table>
<thead>
<tr>
<th>Phase I</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Artificial Reef Habitat Restoration</td>
<td>$2.6 Million</td>
</tr>
<tr>
<td>Oyster Cultch Restoration</td>
<td>$11 Million</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phase III</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hancock County Marsh Living Shoreline</td>
<td>$47.17 Million</td>
</tr>
<tr>
<td>Infinity Science Center</td>
<td>$10.4 Million</td>
</tr>
<tr>
<td>Popp's Ferry Causeway Park</td>
<td>Pascagoula Beachfront Promenade</td>
</tr>
</tbody>
</table>

### National Fish and Wildlife Foundation
**$40.4 Million Committed**

<table>
<thead>
<tr>
<th>Round I</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Coastal Streams Initiative Coastal Bird Stewardship Coastal Preserves</td>
<td>$2.631 Million</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Round II</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reef Fish Assessment Invasive Species Management Marsh Restoration</td>
<td>$4.6 Million</td>
</tr>
</tbody>
</table>

| Round 3 Announced 11-10-15 Mississippi Coastal Restoration Plan | $30 Million | $3.6 Million |

*Making Mississippi Whole*
RESTORE

RESTORE = Resources and Ecosystems Sustainability, Tourist Opportunities, and Revived Economies of the Gulf Coast States Act,

The RESTORE Act makes sure that fine money paid by companies involved in the Deepwater Horizon oil spill finds its way back to the states that were impacted by the spill.
• 20 percent of the fine money goes to the future spill fund; 80 percent goes to economic or environmental restoration projects around the Gulf.

RESTORE Council (responsible for 60% of RESTORE funds)
• Governors from the five affected Gulf States – each with vote
• Departments of the Interior
• Commerce
• Agriculture
• Homeland Security
• U.S. Army
• Environmental Protection Agency

One Vote
Clean Water Act Penalties

80% to the Gulf Coast Restoration Trust Fund

1. Direct Component
   Treasury Administered
   35% equally divided among the five Gulf Coast States for ecosystem restoration, economic development, and tourism promotion
   - LA
   - FL
   - MS
   - AL
   - TX
   - 30% allocation formula
   - 70% to coastal parishes based on allocation formula

2. Comprehensive Plan Component
   Gulf Coast Ecosystem Restoration Council Administered
   30% + interest earned from Trust Fund Investments for restoration activities under the Comprehensive Plan
   - LA
   - FL
   - MS
   - AL
   - TX
   - Department of Environmental Quality
   - Alabama Gulf Coast Recovery Council
   - Texas Governor’s Office

3. Spill Impact Component
   Gulf Coast Ecosystem Restoration Council Administered
   30% divided among the five Gulf Coast States according to a formula to implement State Expenditure Plans, which require approval by the Council
   - LA
   - FL
   - MS
   - AL
   - TX

4. NOAA RESTORE Act Science Program
   NOAA Administered
   2.5% + interest earned from Trust Fund Investments for a science, observation, monitoring, and technology program
   - LA
   - FL
   - MS
   - AL
   - TX
   - Centers of Excellence Research Grants Program
   - Treasury Administered
   - 2.5% + interest earned from Trust Fund Investments for research on the Gulf Coast Region
Restore Council Funded Priority List
(Bucket 2)

- FPL was approved in December 2015
- Focuses on key watersheds
- MS projects (~$23 M)
  - Strategic Land Protection, Conservation, and Enhancement of Priority Gulf Coast Landscapes
  - Enhancing Opportunities for Beneficial Use of Dredge Sediments
  - MS Sound Estuarine Program: A Programmatic Vision for Bridging Coastal Restoration
Submit Project Ideas

• For Mississippi, there is one on-line portal for Restore, NRDA, NWFW:  www.restore.ms

• Currently 750+ total proposals. Proposals still accepted.

• ~ 23 UM Proposals

• Wide variety of proposals – science to road construction
Mississippi Gulf Spill Restoration Projects

Restoration projects in Mississippi approved by the Deepwater Horizon NRDA Trustees, funded by the Gulf Environmental Benefit Fund of the National Fish & Wildlife Foundation (NFWF), or funded by the RESTORE Act

[Map of Mississippi Gulf Spill Restoration Projects]

[Links to ProjectStoryMap]
Other Opportunities

• Oyster Council
• National Academy of Sciences
• Gulf of Mexico Research Initiative (GOMRI)
• Gulf Coast Ocean Observing System (GCOOS)
• Gulf of Mexico Alliance (GOMA)
UM Restoration Task Force

Purpose

• Monitor/disseminate information on campus regarding research opportunities available via oil spill restoration processes.

• Attend meetings statewide with key people, agencies, and programs to raise the awareness about UM capabilities.
UM Restoration Task Force

Members

– Greg Easson, MMRI
– Marc Slattery, NIUST
– Deb Gochfeld, NCNPR
– Stephanie Showalter-Otts, Sea Grant Law Center
– Craig Hickey, NCPA
– Stefan Schulenberg, Clinical Disaster Research Ctr.
– Josh Gladden, NCPA/ORSP
– Yan Ding, NCCHE
– Jason Hale, ORSP
– Lisa Stone (ORSP Admin Support)
UM Restoration Task Force

Outreach

– Mississippi Dept. of Environmental Quality (MDEQ) – lead agency in Mississippi
– Mississippi Dept. of Marine Resources (DMR)
– USM at Stennis: Marine Science program
– RESTORE Council
– National Oceans and Applications Research Center (NOARC): Governor’s Tech recruiting
– Governor’s Oyster Council
UM Restoration Task Force

Recent & Upcoming Meetings

– National Academy of Sciences Monitoring Workshop, August, 2015
– Gulf Research Program Stakeholder Webinar (NAS, October 28, 2015)
– 2016 Gulf of Mexico Oil Spill and Ecosystem Science Conference (Feb 2016; Tampa, FL)
– Gulf of Mexico Alliance (GOMA), June, 2016
– Web conferences
Upcoming Opportunities

• **National Academy of Sciences**
  – Synthesis Grants: Open March 1, 2016
  – Capacity Building Grants: Open May 1, 2016

• **NOAA RESTORE Act Science Program**: Next funding competition between mid-April and mid-May of 2016
  – Comprehensive understanding of living coastal and marine resources, food web dynamics, habitat utilization, protected areas, and carbon flow.
  – Decision-support tools to assist resource managers with management decision planned to sustain habitats, living coastal and marine resources, and wildlife.

• **GOMRI**: Anticipated RFP March 2016

• **MDEQ**
  – MDEQ is seeking sealed bids for construction of the MS SOUND SAND BERM PROJECT. This Project is administered by MDEQ and funded through the National Fish and Wildlife Foundation Gulf Environmental Benefit Fund, Agreement # 45721. The Project includes, but is not limited to, dredging, pumping and sand berm construction. Bids due February 18, 2016.
Staying Informed

• UM Update Page:  http://research.olemiss.edu/GulfOverview
• Mississippi Project Map (NRDA, NFWF, RESTORE):  http://www.msrestoreteam.com/ProjectStoryMap/
• NAS Gulf Research Program:  http://nas.edu/gulf/enews/index.html
• Gulf of Mexico Research Initiative (GoMRI):  http://gulfresearchinitiative.org/news-and-events/gomri-newsletter/gomri-newsletter-subscription-form/
• MS Restore (MDEQ):  http://www.restore.ms/contact/
• Gulf Restoration Network:  http://healthygulf.org
• Gulf of Mexico University Research Collaborative (GoMURC):  http://www.marine.usf.edu/gomurc/index.php/news-mainmenu/blog
• Environmental Law Institute Ocean Program:  http://eli-ocean.org/gulf/
• Gulf of Mexico Alliance (GOMA):  http://www.gulfofmexicoalliance.org/announcements/news/
• NOAA Restore Act Science Program:  http://restoreactscienceprogram.noaa.gov/contact/sub-form
• NRDA:  http://www.gulfspillrestoration.noaa.gov/what-you-can-do/mailing-list/
• NFWF:  http://www.nfwf.org/gulf/Pages/home.aspx
• RESTORE Council:  https://www.restorethegulf.gov/