



The Gulf of Mexico Research Initiative

From Response to Coordinated Research

Deepwater Horizon



Credit: US Chemical Safety Board

Deepwater Horizon



Photograph by Joel Sartore, National Geographic

Deepwater Horizon



U.S. Air Force Photo by Tech. Sgt. Adrian Cadiz



Credit: Reuters

Deepwater Horizon



Credit: AP Photo/Charlie Riedel



Credit: SAUL LOEB/AFP/Getty Images

Research Themes

1. **Physical distribution and ultimate fate of contaminants associated with the *Deepwater Horizon* incident;**
2. **Chemical evolution and biological degradation of the contaminants;**
3. **Environmental effects of the contaminants on Gulf of Mexico ecosystems, and the science of ecosystem recovery;**
4. **Technology developments for improved detection, characterization, mitigation, and remediation of offshore oil spills; and**
5. **Impacts of oil spills on public health.**

Year One Block Grants

- **Provided directly from BP to the Gulf States to establish critical baseline data as the foundation for subsequent research.**
- **Block grant recipients included:**
 - Louisiana State University
 - Florida Institute of Oceanography
 - Northern Gulf Institute
 - Alabama Marine Environmental Sciences Consortium
 - National Institutes of Health

Year 1 Institutions

- Alabama State
- Auburn
- Dauphin Island Sea Lab
- Florida A&M
- Florida Atlantic
- Florida Gulf Coast University
- Florida Institute of Technology
- Florida International University
- Florida State University
- Harte Research Institute
- Jackson State University
- Jacksonville State University
- Louisiana State University
- Mississippi State University
- Mote Marine Lab
- National Institutes of Health
- Nova Southeastern University
- Samford University
- Troy University
- Tuskegee University
- University of Alabama
- U. Alabama at Birmingham
- U. Alabama at Huntsville
- U. Alabama at Tuscaloosa
- University of Central Florida
- University of Florida
- University of Miami
- University of Mississippi
- University of New Orleans
- University of South Alabama
- University of South Florida
- U. of Southern Mississippi
- University of West Alabama
- University of West Florida

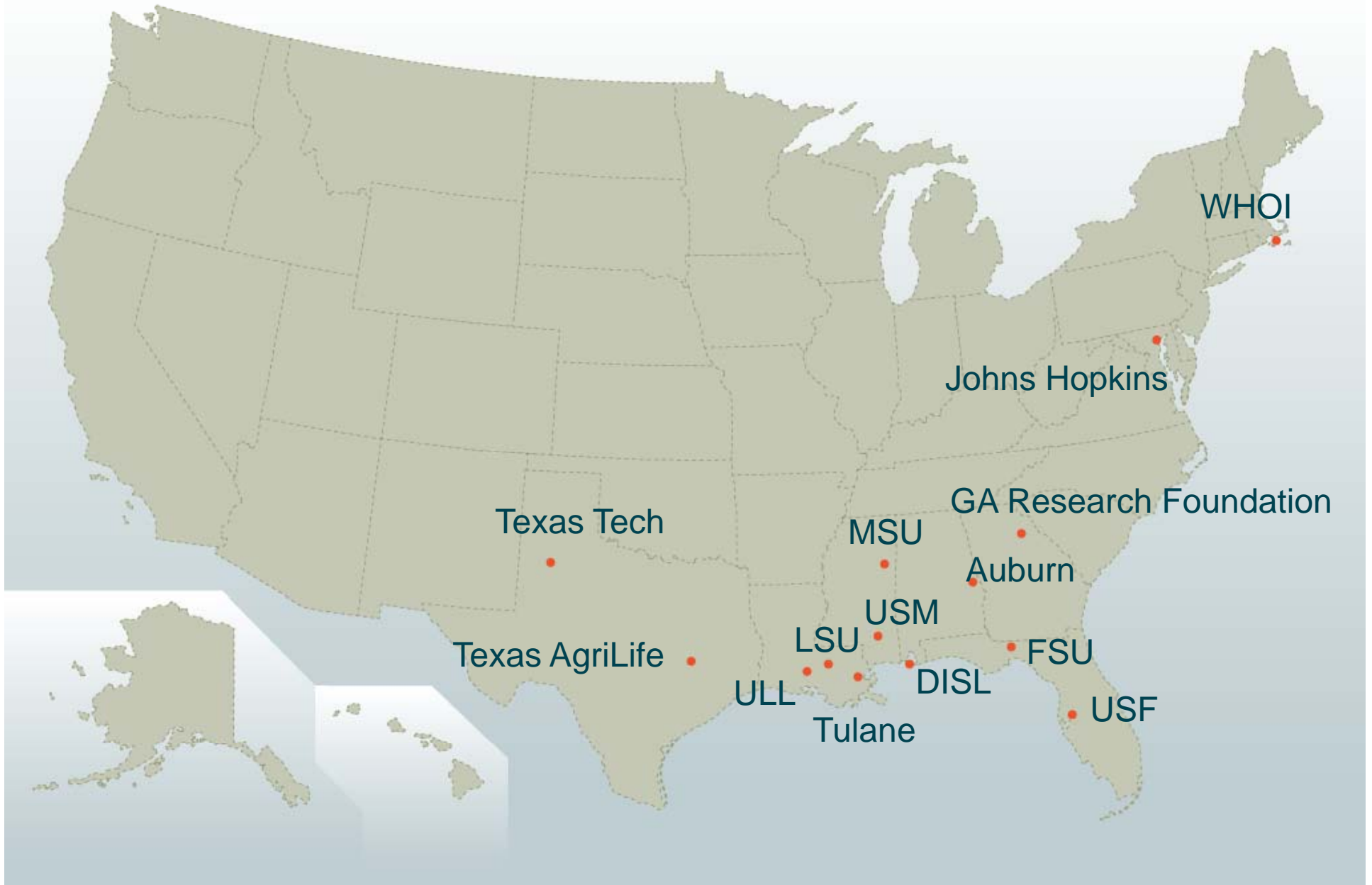


RFP-III (Summer Sampling)

To ensure continuity of observations and sampling while the peer-review process was underway, \$1.5 million in grants were issued in June 2011 to the following institutions:

- University of South Florida
- Johns Hopkins University
- Auburn University
- University of Georgia Research Foundation
- Texas Tech University
- University of Southern Mississippi
- LSU Agriculture Center
- University of Louisiana at Lafayette
- Texas AgriLife Research
- Dauphin Island Sea Lab
- Florida State University
- Mississippi State University
- Louisiana State University
- Woods Hole Oceanographic Institute

RFP III Institutions



RFP-I (Consortia)

- **The Impact of Biological, Physical and Chemical Processes on the Fate of Oil Spills – Bridging Small Scale Processes with Meso-Scale Modeling**
 - University of Texas at Austin - Marine Science Institute
- **Gulf of Mexico Integrated Spill Response Consortium**
 - Texas A&M University at College Station
- **Deepsea to Coast Connectivity in the Eastern Gulf of Mexico**
 - Florida State University
- **The Effects of the Macondo Oil Spill on Coastal Ecosystems**
 - Louisiana Universities Marine Consortium
- **Center for Integrated Modeling & Analysis of Gulf Ecosystems**
 - University of South Florida
- **Consortium for Advanced Research on Transport of Hydrocarbons**
 - University of Miami
- **The Science and Technology of Dispersants**
 - Tulane University
- **Ecosystem Impacts of Oil and Gas Inputs to the Gulf**
 - University of Mississippi

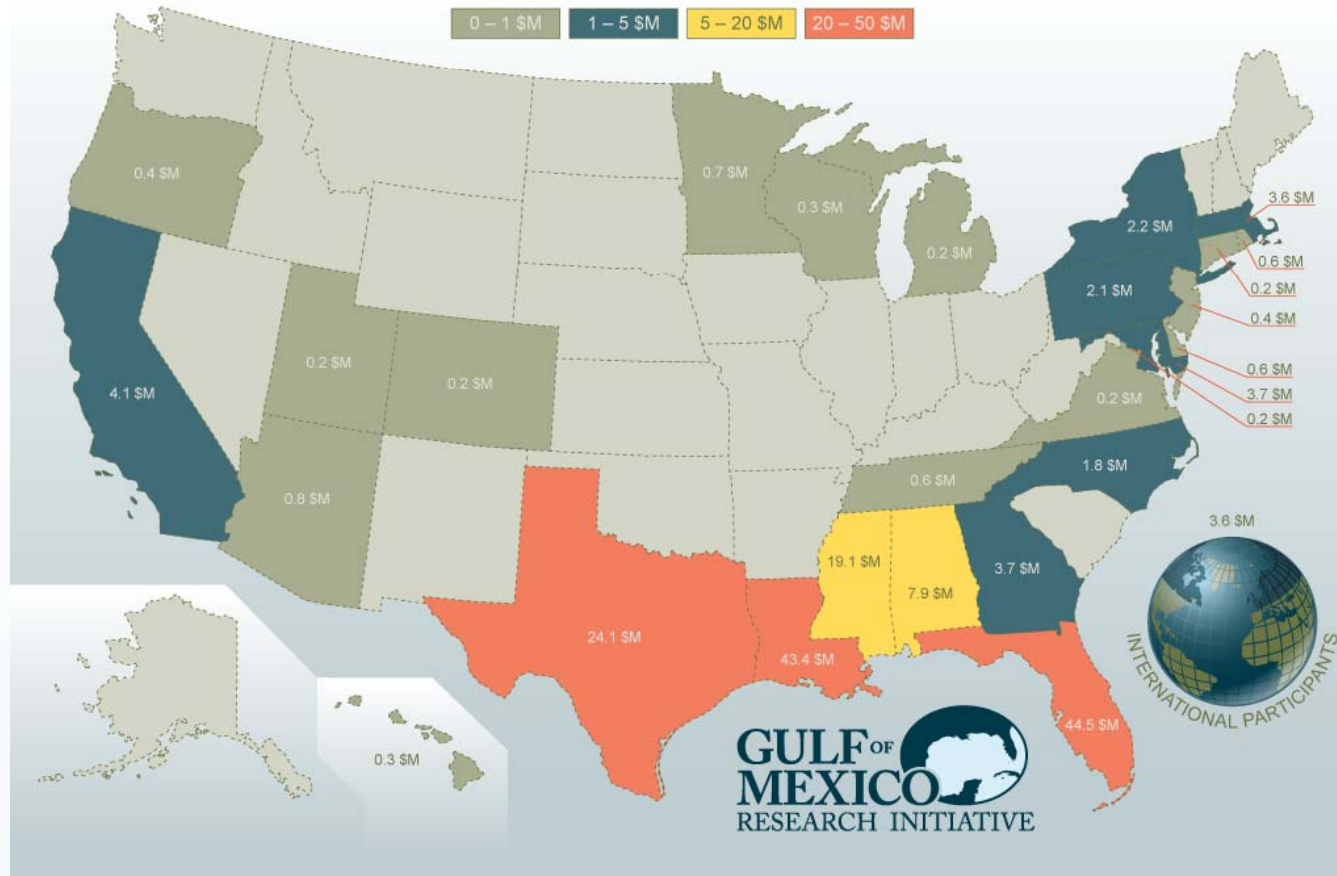
RFP I Institutions



All Institutions



GoMRI Funds Awarded as of December 31, 2011



RFP-II (PI-based)

- RFP – II LOIs due Jan 17 2012
- Single projects
- \$7.5M/year for 3 years

Research Board Roster

- Rita Colwell – UMD & JHU
- Margaret Leinen – FAU
- Debra Benoit – Nicholls State
- Peter Brewer – MBARI
- Richard Dodge – NOVA SE
- John Farrington – WHOI
- Kenneth Halanych – Auburn
- David Halpern – NASA
- William Hogarth – FIO
- Jorg Imberger – W. Australia
- Raymond Orbach – Tx Austin
- Jurgen Rullkotter – University of Oldenburg, Germany
- David Shaw – MSU
- John Shepperd – University of Southampton, UK
- Bob Shipp – South Alabama
- Burton Singer – Florida
- Ciro Sumaya – Texas A&M
- Dennis Weisenburg – USM
- Charles Wilson – LSU
- Dana Yoerger – WHOI
- Michael Carron – GOMA
 - *Ex Officio*