

Session 2C

OIL INTERACTIONS: MARINE AND COASTAL

Co-chair: Chris DuFore, BOEM

Co-chair: Erin O'Reilly, BOEM

Wednesday Afternoon, August 23

Room: TBD

Description: In the wake of the 2010 *Deepwater Horizon* (DWH) oil spill, various research consortia and Natural Resource Damage Assessment (NRDA) studies were undertaken to examine the impacts of the spill on Gulf of Mexico coastal and marine habitats, resources, and species. In addition, BOEM has funded several studies that address the bureau's information needs related to the DWH spill. These studies help fulfill BOEM's mandate under Section 20 of the Outer Continental Shelf Lands Act (1953) to establish the information needed for assessment and management of environmental impacts on the human, marine, and coastal environments of the Outer Continental Shelf that may be affected by oil and gas development. This multidisciplinary session will present a variety of topics including surface oil transport, effects of dispersant, deepwater coral habitats, oiled salt marshes, coastal archaeological sites, and deepwater historic shipwrecks.

- 1:00 – 1:30 Quantifying changes to infaunal communities associated with several deep-sea coral habitats in the Gulf of Mexico and their potential recovery from the *Deepwater Horizon* oil spill
 Jill Bourque
 U.S. Geological Survey
- 1:30 – 2:00 Heavily oiled salt marsh and the *Deepwater Horizon* oil spill: Shoreline treatment, planting, and recovery
 Scott Zengel
 Research Planning, Inc.
- 2:00 – 2:30 Assessment of the effects of an oil spill on coastal archaeological sites in Louisiana
 Mark A. Rees
 University of Louisiana at Lafayette
- 2:30 – 2:45 BREAK
- 2:45 – 3:15 GOM-SCHEMA: Microbial communities residing on deepwater shipwrecks impacted by the *Deepwater Horizon* oil spill
 Leila J. Hamdan
 University of Southern Mississippi

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Session 2C (Continued)

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3:15 – 3:45

GOM-SCHEMA: Corrosion studies related to Gulf of Mexico shipwrecks

Brenda Little

U.S. Naval Research Laboratory

3:45 – 4:15

GOM-SCHEMA: Deepwater shipwreck 3D data acquisition and archaeological analyses

Robert Church

Oceaneering, Inc.