

Oil spill science seminar: Spill response in nearshore habitats

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Our presenters

CDR Patrick Coleman (Patrick.F.Coleman2@uscg.mil) has nearly 18 years of experience with the Coast Guard Reserve. As part of the Deepwater Horizon Response he served as a Liaison Officer to the State of Florida, State of Florida Branch Director, and Deputy Incident Commander and Federal On Scene Coordinator's Representative with the Gulf Coast Incident Management Team. CDR Coleman is currently a drilling reservist with USCG LANTAREA and is also a civilian employee with USCG Sector Mobile in the Contingency Planning Department.



Jacqueline Michel (jmichel@researchplanning.com) is a geochemist and President of Research Planning, Inc. Much of her experience in response comes from her role as a member of the NOAA Scientific Support Team since 1978. She provides scientific support for about 100 spills per year. She specializes in shoreline cleanup assessment and countermeasures, in-situ burning, behavior and response to non-floating oil spills, and natural resource damage assessment.

James Hanzalik (hanzalik@cleangulfassoc.com) is the Vice-President of Clean Gulf Associates. He is a retired veteran of 24 years with the United States Coast Guard. His most recent USCG assignments include serving as the Chief of Response and Incident Management at the Eighth Coast Guard District. During the recent Deep Water Horizon oil spill, he served as the Federal On Scene Coordinator, Deputy Area Commander for Pollution Response and the Incident and Deputy Incident Commander for the Incident Command Post in Houma, LA.



Brent Koza (Brent.Koza@GLO.TEXAS.GOV) is the Deputy Director of the South Texas Coastal Zone with the Texas General Land Office in the Oil Spill Prevention and Response Division. Brent's focus includes oil spill contingency planning, scientific support, and directing operations during large oil spill response efforts. Brent is currently serving as Incident Commander and the State On-Scene Coordinator for the Hurricane Harvey response in Texas.

Our panelists



Frank Hernandez (frank.hernandez@usm.edu) is an Assistant Professor in the University of Southern Mississippi's Department of Coastal Sciences. His research interests include fisheries oceanography and ecology, fish early life history, and planktonic food webs. His recent research has examined how fish early life history is affected by natural and anthropogenic disturbances and climate variability.

Stephan Howden (stephan.howden@usm.edu) is an Associate Professor in the Department of Marine Science at the University of Southern Mississippi where he is the director of the Central Gulf of Mexico Ocean Observing System (CenGOOS: www.cengoos.org). The CenGOOS High Frequency Radars were used to monitor surface currents in the Mississippi Bight during the Deepwater Horizon oil spill.



Markus Huettel (mhuettel@fsu.edu) is a coastal oceanographer faculty member in the Department of Earth, Ocean and Atmospheric Science at Florida State University in Tallahassee. His research focuses on biological and biogeochemical processes at the sea floor. His present work, integrating biological, chemical, and physical processes, addresses the cycling of matter in permeable inner shelf sediments and the coastal ocean.

Gregg Jacobs (Gregg.Jacobs@nrlssc.navy.mil) has been head of the Ocean Dynamics and Prediction Branch within the Naval Research Laboratory since 2002. He studies ocean physical processes, the predictability in ocean features, and ocean forecasting. Using satellite observations to understand ocean circulation and variability and numerical models to predict physical processes, his branch shares ocean forecasting information with for the Navy and other national agencies.



Steve Morey (smorey@fsu.edu) is a Senior Research Scientist at the Florida State University Center for Ocean-Atmospheric Prediction Studies. His research interests span from abyssal circulation to shelf and coastal oceanography. A major component of his recent research is understanding the vertical structure of currents very near the air-sea interface through observations and numerical modeling. His research helps to better predict transport of surface oil and biota and improve estimations of air-sea fluxes of heat and momentum.

Sabrina Parra (Sabrina.Parra.ctr@nrlssc.navy.mil) is an American Society for Engineering Education Postdoctoral Fellow at the U.S. Naval Research Laboratory. She studies mixing and turbulence at plume fronts using a variety of instrumentation with the CONSortium for oil spill exposure pathways in COastal River-Dominated Ecosystems (CONCORDE).



Ryan Rodgers (rodders@magnet.fsu.edu) directs environmental, petrochemical, and forensic applications of Fourier Transform Ion Cyclotron Resonance Mass Spectrometry at the National High Magnetic Field Lab at Florida State University and is the Director of the privately funded Future Fuels Institute. His primary interests are in the molecular-level characterization and associated toxicity of weathered crude oil.