Revised 9/6/13

"All Hands" Meeting

September 10 & 11, 2013

TENTATIVE AGENDA

FSU-COAPS | 2000 Levy Avenue, Tallahassee, FL

Tuesday, September 10	
8:00-8:30 am	**Check-in**
8:30-8:40 am	Welcome Remarks
SESSION 1 – CONDITIONS ***This session focuses on the composition and breakdown of oil, including talks on the chemical methods used for comprehensive oil spill analysis, the transport and decomposition of oil in permeable sediment, and a discussion of the factors controlling the formation and deposition of oil-associated marine snow and its accumulation as flocculants on the seafloor.***	
8:40-9:10 (30 min)	Fossil carbon in particulate organic matter and on the seafloor in the Gulf of Mexico following the Deepwater Horizon event – *Jeff Chanton, FSU*
9:10-9:25 (15 min)	Changes in sediment redox conditions following the BP Deepwater Horizon Blowout event - *David Hastings, Eckerd College*
9:25-9:55 (30 min)	Recurrent oil sheens at the Deepwater Horizon disaster site fingerprinted with synthetic hydrocarbon drilling fluids – *Chris Reddy, WHOI*
9:55-10:10 (15 min)	**Break**
10:10-10:40 (30 min)	Oil spill characterization by FT-ICR mass spectrometry from the reservoir to the beach - *Amy McKenna, FSU*
10:40-10:55 (15 min)	The degradation of hydrocarbons and PAHs in sandy sediment of the northeastern Gulf - *Markus Huettel, FSU*
10:55-11:10 (15 min)	Analysis of Bragg Scattering of oil types under radar microwaves - *Oscar Garcia, FSU*
11:10-11:30 (20 min)	**Speed talks by poster presenters**
11:30-noon (30 min)	Data stewardship: The Deep-C Data Center - *Shawn Smith*
Noon – 1:00 pm	**Lunch ("Metadata Training" for select researchers)**
SESSION 2 – MECHANISMS ***This session assesses physical processes affecting the breakup and transport of micro oil droplets and biotic particles at the oil-water interface with a focus on current understanding of the offshore circulation linkages and mechanisms controlling lateral dispersion, upwelling, and down welling in the De Soto Canyon region with advances in modeling.***	
1:00-1:20 (20 min)	**Speed talks by poster presenters**
1:20-1:50 (30 min)	Recent Results with the Coupled Ocean-Air-Wave Prediction System in the Gulf of Mexico - *Pat Hogan, NRL at Stennis Space Center*
1:50-2:05 (15 min)	OSPRE: An Oil Spill Prediction Environment for the Gulf of Mexico - *Ashwanth Srinivasan, Tendral*
2:05-2:35 (30 min)	Analysis of Observations to Understand the Physics of the Connectivity Between the Deep Sea and the Coast Through the De Soto Canyon *AND* Near-surface flow and Stokes' Drift in the Northeastern Gulf of Mexico - *Allan Clarke, FSU*
2:35-3:05 (30 min)	Did Deepwater Horizon Hydrocarbons Transit to the West Florida Continental Shelf? - *Bob Weisberg, USF*
3:05-3:20 (15 min)	Deep-C DeSoto Canyon Moorings: Overview of Measurements and Preliminary Results - *Peter Hamilton, SAIC*
3:20-3:35 (15 min)	**Break**
3:35-3:55 (20 min)	**Speed talks by poster presenters**
3:55-4:10 (15 min)	Wave-induced drift and mixing in the upper ocean - *Kai Christensen, Met.no*
4:10 -4:25 (15 min)	How to make sure that the forcing is with you - *Cecilie Wettre, Met.no*
4:25-4:55 (30 min)	Mexican Research Consortium for Gulf of Mexico Studies – *Julio Sheinbaum, CICESE*
4:55-5:25 (30 min)	Characterizing Differences in the Oceanic Response to Slow and Fast Moving Hurricanes Over the DeSoto Canyon - *Nick Shay, UM-RSMAS*
5:25-5:40 (15 min)	Numerical simulations of the ocean response to hurricane forcing in the DeSoto Canyon region - *Steve Morey, FSU*
5:40-6:00 (20 min)	**Speed talks by poster presenters**
6:00-8:00 pm	**Poster Session & Reception**

Wednesday, September 11	
8:30-8:35 am	Announcements
SESSION 3 – IMPACT and EFFECTS ***Our ultimate goal is to understand the ecological consequences of hydrocarbon and other pollutants on the habitats and biotic communities from the seabed through the water column, and from the deep sea to the coast. The session includes talks on the effect of hydrocarbon deposition on microbial activity, on deep sea fishes, on benthic community structure, and on the integration of food web and earth system models that allow us to forecast the transport, fate, and consequences of a suite of both naturally and anthropogenically-induced extreme events.***	
8:35-9:05 (30 min)	The response of benthic microbial communities to the deposition of Macondo oil: from shallow coastal sands to the deep sea – *Joel Kostka, GaTech*
9:05-9:35 (30 min)	Regional differences in megafauna abundance related to geomorphology and depth gradients in DeSoto Canyon *AND* A times-series of surface oil distribution based on SAR images collected during the Deepwater Horizon discharge - *Ian MacDonald, FSU*
9:35-9:50 (15 min)	Dynamics of hydrocarbon cycling by microorganisms in the Gulf of Mexico - *Olivia Mason, FSU*
9:50-10:05 (15 min)	Microbial loop dynamics on the NE Gulf of Mexico shelf - *Dick Snyder, UWF*
10:05-10:20 (15 min)	The role of photochemistry in determining the effects of MC252 Surrogate oil on microbial growth - *Wade Jeffrey, UWF*
10:20-10:35 (15 min)	**Break**
10:35-10:50 (15 min)	Phytoplankton Associations in the Vicinity of De Soto Canyon, Northeastern Gulf of Mexico - *James Nienow, Valdosta State*
10:50-11:05 (15 min)	Preliminary assessment of sediment macrofaunal community structure in the DeSoto Canyon, northeastern Gulf of Mexico following the Horizon oil spill - *Amy Baco-Taylor, FSU*
11:05-11:20 (15 min)	Geomorphology and habitat of a shelf break canyon off Pensacola, Florida - *Stan Locker, USF*
11:20-11:35 (15 min)	The Inaugural Expedition of the R/V Apalachee Research exploring the ecological effects of the Deepwater Horizon oil spill leads to the first capture of a Greenland Shark in the Gulf of Mexico - *Dean Grubbs, FSU*
11:35-11:50 (15 min)	Putting it all together: Deep-C's Atlantis Ecosystem Model - *Stephen Gosnell, FSU*
11:50-12:05 (15 min)	Deep-C Education & Outreach – *Tracy Ippolito (FSU)*
12:05-1:00 pm	**Lunch**
1:00-3:00 pm	Working groups
3:00-3:30 pm	Brief reports from working groups
3:30-4:30 pm	Synthesis and Discussion of the Renewal Process - *Chassignet/Coleman (FSU)*
4:30 pm	General Meeting Adjourns
4:30-5:30 pm	Steering Committee Meets