



Outer Continental Shelf Scientific Committee Meeting Agenda

Tuesday, May 22, 2012

LOCATION: Fess Parker Doubletree Resort
633 East Cabrillo Blvd.
Santa Barbara, CA 93103
1-800-230-4134

PLENARY SESSION

Meeting Room: Sierra Madre North

PLEASE SILENCE YOUR CELL PHONES

9:00 AM	Welcome and Introductions	Dr. Lorrie Rea , OSC SC Chair
9:20 AM	Chief Environmental Officer's Message	Dr. Alan Thornhill , Designated Federal Officer of the Committee and Chief Environmental Officer
9:40 AM	Environmental Studies Program Updates	Dr. Rodney Cluck , Executive Secretary of the Committee and Chief, Division of Environmental Sciences

10:00 – 10:15 BREAK

Regional Updates		
10:15 AM	Pacific OCS Region	Dr. Ann Scarborough Bull , Chief, Environmental Studies Section
10:35 AM	Alaska OCS Region	Dr. Dee Williams , Chief, Environmental Studies Management Section
10:55 AM	Office of Renewable Energy	Dr. Mary Boatman , Chief, Environmental Studies
11:15 AM	Gulf of Mexico OCS Region	Dr. Pat Roscigno , Chief, Office of Environmental Studies
11:35 AM	Public Affairs Update	John Romero , Public Affairs Officer

12:00 - 1:00 LUNCH

1:00 - 3:00 Interdisciplinary Presentations Co-coordinators: Jennifer Ewald and Dr. Brad Blythe		
Region	Title	Presenter
HQ	An Integrated Scientific Approach to Arctic Sustainability Arctic Science Engineering and Education for Sustainability (ArcSEES) Partnership	Guillermo Auad
HQ	Modeling of the Ecosystem Dynamics in the Alaskan Arctic Ocean	Guillermo Auad
HQ	Ecosystem Dynamics and Monitoring of the Alaskan Arctic Ocean	Guillermo Auad
GOM	Workshop on Future Directions in Understanding Physical-Biological Oceanographic Interactions in Mid- to Deep Waters of the Gulf of Mexico	Alexis Lugo-Fernandez
GOM	Workshop on Monitoring the Long-Term Effects of Offshore Oil and Gas Activities in the Gulf of Mexico	Alexis Lugo-Fernandez
Pacific	Using Ongoing Activities as Surrogates to Predict Potential Ecological Impacts from Marine Renewable Energy	Donna Schroeder
Pacific	A Biogeographic Assessment of the Main Hawaiian Islands	David Pereksta
	Discussion	

3:00 - 3:15 **BREAK**

3:15-5:00 BIOLOGY ECOLOGY Co-coordinators: Drs. Mike Rasser and Brad Blythe		
Region	Title	Presenter
AK	Chukchi Acoustic, Oceanography and Zooplankton Study: Hanna Shoal (Extension of CHAOZ)	Heather Crowley
AK	*Walrus Seasonal Distribution and Habitat Use in the Eastern Chukchi Sea	Cathy Coon
	Discussion	
Atlantic	Fishery Physical Habitat and Epibenthic Invertebrate Baseline Data Collection	David Bigger
Atlantic	Integrative Statistical Modeling and Predictive Mapping of Seabird Distribution and Abundance on the Atlantic OCS	David Bigger
Atlantic	Pilot Study: Tracking Offshore Occurrence of Common Terns and American Oystercatchers with VHF Arrays	David Bigger
	Discussion	
	Adjourn Day 1	

3:15-5:00	Physical Sciences Co-coordinators: Drs. Guillermo Auad and Ron Lai	ROOM: Anacapa West
Region	Title	Presenter
HQ	Cook Inlet Circulation Model Calculations	Ron Lai
HQ	Propagation Characteristics of High Frequency Sounds Used for High Resolution Geophysical Surveys	Geoff Wikel
	Discussion	
Pacific	Understanding the Role of Offshore Structures in Managing Potential <i>Watersipora subtorquata</i> Invasions	Donna Schroeder
Pacific	Predicting the Consequences of Wave Energy Absorption from Marine Renewable Energy Facilities on Nearshore Ecosystems	Donna Schroeder
Pacific	Expansion of West Coast Oceanographic Modeling Capability	Susan Zaleski
	Discussion	
	Adjourn Day 1	

3:15-5:00	Social Sciences Co-coordinators: Drs. John Primo and Jimmy Moore	ROOM: Santa Cruz East
Region	Title	Presenter
AK	Subsistence Mapping of Wainwright, Point Lay, and Point Hope	Chris Campbell
	Discussion	
Atlantic	Environmental and Social Consequences of Port Modifications to Accommodate Operations Associated with Offshore Commercial Wind Energy on the Mid-Atlantic OCS	Jean Thurston
Atlantic	Small Coastal Vessel Usage Patterns and Density Levels on the Atlantic OCS	Jean Thurston
Atlantic	Atlantic OCS Cultural Resources Survey and Archaeological Inventory Geographic Information System	W. Hoffman
Atlantic	Development of a Historic Context for Shipwrecks located on the OCS Offshore the Mid-Atlantic	W. Hoffman
	Discussion	
	Adjourn Day 1	

Wednesday, May 23, 2012
Discipline Breakout Sessions Continue

8:30 AM	BIOLOGY ECOLOGY Co-coordinators: Drs. Mike Rasser and Brad Blythe	ROOM: Anacapa East
Region	Title	Presenter
GOM	(BSEE) Pressure Wave and Acoustic Properties Generated by the Explosive Removal of Offshore Structures: Potential Effects on Protected Species	Deborah Epperson
GOM	Pelagic <i>Sargassum</i> Algae Distribution and Movement in the Gulf of Mexico	Deborah Epperson
GOM	Deepwater Coral Atlas and Modeling Program: Gulf of Mexico	Deborah Epperson
GOM	Florida Manatee Movement and Habitat Use in the Northern Gulf of Mexico	Deborah Epperson
9:30	Discussion	
9:50	Break	
HQ	Expanded Nation-Wide Scope for Archiving of Outer Continental Shelf Invertebrates by the Smithsonian National Museum of Natural History	Brad Blythe
HQ	Sediment Character Modification During Dredging, Pump-out, and Placement	Geoff Wikel
HQ	Effectiveness of Exclusion Zones Designed to Protect Archeological and Benthic Resources from Indirect Dredging Impacts	Geoff Wikel
10:55	Discussion	
Pacific	Data Synthesis and High-Resolution Predictive Modeling of Marine Bird Spatial Distributions on the Pacific OCS	David Pereksta
Pacific	Habitat Affinities and At-Sea Ranging Behaviors among Main Hawaiian Island Seabirds	David Pereksta
Pacific	Platform Impacts on Seafloor Communities in the Southern California Planning Area	Lisa Gilbane
12:00	Discussion	
12:30	Lunch	
2:00-5:00	Committee DBG Presentation Preparation	
	Adjourn Day 2	

Wednesday, May 23, 2012
Discipline Breakout Sessions Continue

8:30 AM	Physical Sciences Co-coordinators: Drs. Guillermo Auad and Ron Lai	ROOM: Anacapa West
Region	Title	Presenter
GOM	NAAQS Exemption Level Study	Alexis Lugo-Fernandez
GOM	Year 2014 Gulfwide Emissions Inventory Study	Alexis Lugo-Fernandez
GOM	Coral Reef Ocean Acidification Sentinel Site in the Flower Garden Banks National Marine Sanctuary	Alexis Lugo-Fernandez
GOM	Enhancing the Capability of a New Meteorological Model for Air Quality and Other BOEM Applications in the Gulf of Mexico	Alexis Lugo-Fernandez
GOM	Managing Dredging Environmental Impacts by Optimizing the Use of Sand Resources	Alexis Lugo-Fernandez
9:45	Discussion	
10:05	Break	
AK	Arctic Air Quality Impact Assessment Modeling	Warren Horowitz
AK	Enhanced Verification and Interpretation of Arctic Ice Formation, Distribution, and Density	Warren Horowitz
AK	Physical and Chemical Analyses of Crude and Refined Oils: Laboratory and Mesoscale Oil Weathering	Heather Crowley
11:20	Discussion	
Atlantic	Literature Review: Environmental Risks, Fate and Effects of Chemicals Associated with Wind Turbines on the Atlantic OCS	Mary Boatman
11:45	Discussion	
12:30	Lunch	
2:00-5:00	Committee DBG Presentation Preparation	
	Adjourn Day 2	

Wednesday, May 23, 2012
Discipline Breakout Sessions Continue

8:30 AM	Social Sciences Co-coordinators: Drs. John Primo and Jimmy Moore	ROOM: Santa Cruz East
Region	Title	Presenter
GOM	A Comparative Analysis of an Oil Spill on Biota Inhabiting Several Gulf of Mexico Shipwrecks Spanning the 19 th to 20 th Centuries	Melanie Damour
GOM	Testing and Assessment of the Effects of an Oil Spill on Coastal Archaeological Sites	Melanie Damour
GOM	(BSEE) Analyzing Impacts to Cultural Resources as a Result of Oil and Gas Activities in Deepwater (<500-10,000)	Melanie Damour
GOM	An Analysis of the Impacts of the <i>Deepwater Horizon</i> on the Seafood Industry	Harry Luton
GOM	An Analysis of the Fiscal Impacts of the OCS Industry in the Gulf of Mexico	Harry Luton
9:45	Break	
GOM	The Demographic Consequences of the Gulf of Mexico Offshore Petroleum Industry	Harry Luton
GOM	Environmental Justice and OCS Petroleum: A geo-spatial analysis	Harry Luton
GOM	Coastal Land Loss and Oil & Gas Infrastructure	Harry Luton
11:00	Discussion	
HQ	A Cultural Resource Survey of the Beaufort and Chukchi Seas (Moore)	Jimmy Moore
11:35	Discussion	
Pacific	Inventory and Analysis of Coastal and Submerged Archaeological Site Occurrence near the Main Hawaiian Islands	David Ball
12:10	Discussion	
12:30	Lunch	
2:00-5:00	Committee DBG Presentation Preparation	
	Adjourn Day 2	

Thursday, May 24, 2012

REPORT OUT SESSION

Meeting Room: Sierra Madre North

PLEASE SILENCE YOUR CELL PHONES

9:00 Reports from Discipline Breakout Group Sessions

9:00 – 9:30 Ecology/Biology
9:30 – 10:00 Physical Sciences

10:00 - 10:15 BREAK

10:15 – 10:45 Social Sciences
10:45 – 11:00 Interdisciplinary
11:00 – 12:00 Open Discussion: Breakout Group Reports Dr. Lorrie Rea

12:00 - 1:00 LUNCH

1:00 – 1:30 Public Comment
1:30 – 2:30 Committee Business Dr. Lorrie Rea

- Items for the Letter to the Director
- Emerging Issues or Topics of Interest
- Other Business
- Next meeting considerations

2:30 Final Comments
3:00 ADJOURN