



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 to the Pacific Region	Ms. Ellen Aronson , Regional Director, Pacific OCS Region
9:05 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 Studies Co-coordinators: Jennifer Ewald and Dr. Brad Blythe			
Region	Title	SDP Page #	Presenter
HQ	An Integrated Scientific Approach to Arctic Sustainability Arctic Science Engineering and Education for Sustainability (ArcSEES) Partnership	HQ 31	Guillermo Auad
HQ	Modeling of the Ecosystem Dynamics in the Alaskan Arctic Ocean	HQ 35	Guillermo Auad
HQ	Ecosystem Dynamics and Monitoring of the Alaskan Arctic Ocean	HQ 39	Guillermo Auad
GOM	Workshop on Future Directions in Understanding Physical-Biological Oceanographic Interactions in Mid-to Deep Waters of the Gulf of Mexico	GOM 35	Alexis Lugo-Fernandez
GOM	Workshop on Monitoring the Long-Term Effects of Offshore Oil and Gas Activities in the Gulf of Mexico	GOM 61	Alexis Lugo-Fernandez
GOM	(BSEE) Mississippi Delta Baseline Mud-flow Hazard Maps	Handout	Alexis Lugo-Fernandez
Pacific	Using Ongoing Activities as Surrogates to Predict Potential Ecological Impacts from Marine Renewable Energy	Pacific 21	Donna Schroeder
Pacific	A Biogeographic Assessment of the Main Hawaiian Islands	Pacific 31	David Pereksta
2:45	Discussion		

3:00 - 3:15 BREAK

3:15-5:00			
Biology & Ecology Co-coordinators: Drs. Mike Rasser and Brad Blythe			
Region	Title	SDP Page #	Presenter
Alaska	Chukchi Acoustic, Oceanography and Zooplankton Study: Hanna Shoal (Extension of CHAOZ)	Alaska 41	Heather Crowley
Alaska	Walrus Seasonal Distribution and Habitat Use in the Eastern Chukchi Sea	Alaska 51	Cathy Coon
3:45	Discussion		
HQ	Expanded Nation-Wide Scope for Archiving of Outer Continental Shelf Invertebrates by the Smithsonian National Museum of Natural History	HQ 23	Brad Blythe
HQ	Sediment Character Modification During Dredging, Pump-out, and Placement	HQ 45	Geoff Wikel
HQ	Effectiveness of Exclusion Zones Designed to Protect Archeological and Benthic Resources from Indirect Dredging Impacts	HQ 47	Geoff Wikel
4:50	Discussion		
	Adjourn Day 1 at Conclusion of Discussion		

3:15-5:00	Physical Sciences Co-coordinators: Drs. Guillermo Auad and Ron Lai		ROOM: Anacapa West
Region	Title	SDP Page #	Presenter
GOM	NAAQS Exemption Level Study	GOM 21	Alexis Lugo-Fernandez
GOM	Year 2014 Gulfwide Emissions Inventory Study	GOM 29	Alexis Lugo-Fernandez
GOM	Coral Reef Ocean Acidification Sentinel Site in the Flower Garden Banks National Marine Sanctuary	GOM 47	Alexis Lugo-Fernandez
GOM	Enhancing the Capability of a New Meteorological Model for Air Quality and Other BOEM Applications in the Gulf of Mexico	GOM 49	Alexis Lugo-Fernandez
GOM	Managing Dredging Environmental Impacts by Optimizing the Use of Sand Resources	GOM 65	Geoff Wikel
4:30	Discussion		
	Adjourn Day 1 at Conclusion of Discussion		

3:15-5:00	Social Sciences Co-coordinators: Drs. John Primo and James Moore		ROOM: Santa Cruz West
Region	Title	SDP Page #	Presenter
Atlantic	Environmental and Social Consequences of Port Modifications to Accommodate Operations Associated with Offshore Commercial Wind Energy on the Mid-Atlantic OCS	Atlantic 17	Jean Thurston
Atlantic	Small Coastal Vessel Usage Patterns and Density Levels on the Atlantic OCS	Atlantic 21	Jean Thurston
Atlantic	Atlantic OCS Cultural Resources Survey and Archaeological Inventory Geographic Information System	Atlantic 23	W. Hoffman
Atlantic	Development of a Historic Context for Shipwrecks located on the OCS Offshore the Mid-Atlantic	Atlantic 25	W. Hoffman
4:15	Discussion		
Alaska	Subsistence Mapping of Wainwright, Point Lay, and Point Hope	Alaska 55	Chris Campbell
4:50	Discussion		
	Adjourn Day 1 at Conclusion of Discussion		

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	SDP Page #	Presenter
GOM	(BSEE) Pressure Wave and Acoustic Properties Generated by the Explosive Removal of Offshore Structures: Potential Effects on Protected Species	GOM 23	Deborah Epperson
GOM	Pelagic <i>Sargassum</i> Algae Distribution and Movement in the Gulf of Mexico	GOM 39	Deborah Epperson
GOM	Deepwater Coral Atlas and Modeling Program: Gulf of Mexico	GOM 43	Deborah Epperson
GOM	Florida Manatee Movement and Habitat Use in the Northern Gulf of Mexico	GOM 45	Deborah Epperson
9:30	Discussion		
Atlantic	Fishery Physical Habitat and Epibenthic Invertebrate Baseline Data Collection	Atlantic 27	David Bigger
Atlantic	Integrative Statistical Modeling and Predictive Mapping of Seabird Distribution and Abundance on the Atlantic OCS	Atlantic 19	David Bigger
Atlantic	Pilot Study: Tracking Offshore Occurrence of Common Terns and American Oystercatchers with VHF Arrays	Atlantic 15	David Bigger
10:35	Discussion		
10:55	Break		
Pacific	Data Synthesis and High-Resolution Predictive Modeling of Marine Bird Spatial Distributions on the Pacific OCS	Pacific 23	David Pereksta
Pacific	Habitat Affinities and At-Sea Ranging Behaviors among Main Hawaiian Island Seabirds	Pacific 29	David Pereksta
Pacific	Platform Impacts on Seafloor Communities in the Southern California Planning Area	Pacific 35	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	SDP Page #	Presenter
Atlantic	Literature Review: Environmental Risks, Fate and Effects of Chemicals Associated with Wind Turbines on the Atlantic OCS	Atlantic 29	Mary Boatman
8:45	Discussion		
HQ	Cook Inlet Circulation Model Calculations	HQ 33	Ron Lai
HQ	Propagation Characteristics of High Frequency Sounds Used for High Resolution Geophysical Surveys	HQ 49	Geoff Wikel
9:35	Discussion		
Pacific	Understanding the Role of Offshore Structures in Managing Potential <i>Watersipora subtorquata</i> Invasions	Pacific 25	Donna Schroeder
Pacific	Predicting the Consequences of Wave Energy Absorption from Marine Renewable Energy Facilities on Nearshore Ecosystems	Pacific 27	Donna Schroeder
Pacific	Expansion of West Coast Oceanographic Modeling Capability	Pacific 33	Susan Zaleski
10:40	Discussion		
11:00	Break		
Alaska	Arctic Air Quality Impact Assessment Modeling	Alaska 39	Warren Horowitz
Alaska	Enhanced Verification and Interpretation of Arctic Ice Formation, Distribution, and Density	Alaska 47	Warren Horowitz
Alaska	Physical and Chemical Analyses of Crude and Refined Oils: Laboratory and Mesoscale Oil Weathering	Alaska 53	Heather Crowley
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	Social Sciences Co-coordinators: Drs. John Primo and James Moore		ROOM: Santa Cruz West
Region	Title	SDP Page #	Presenter
HQ	A Cultural Resource Survey of the Beaufort and Chukchi Seas	HQ 43	James Moore
8:45	Discussion		
Pacific	Inventory and Analysis of Coastal and Submerged Archaeological Site Occurrence near the Main Hawaiian Islands	Pacific 19	David Ball
9:20	Discussion		
GOM	A Comparative Analysis of an Oil Spill on Biota Inhabiting Several Gulf of Mexico Shipwrecks Spanning the 19th to 20th Centuries	GOM 25	Melanie Damour
GOM	Testing and Assessment of the Effects of an Oil Spill on Coastal Archaeological Sites	GOM 41	Melanie Damour
GOM	(BSEE) Analyzing Impacts to Cultural Resources as a Result of Oil and Gas Activities in Deepwater (<500-10,000)	GOM 57	Melanie Damour
GOM	An Analysis of the Impacts of the <i>Deepwater Horizon</i> on the Seafood Industry	GOM 37	Harry Luton
10:40	Break		
GOM	An Analysis of the Fiscal Impacts of the OCS Industry in the Gulf of Mexico	GOM 51	Harry Luton
GOM	The Demographic Consequences of the Gulf of Mexico Offshore Petroleum Industry	GOM 53	Harry Luton
GOM	Environmental Justice and OCS Petroleum: A geo-spatial analysis	GOM 31	Harry Luton
GOM	Coastal Land Loss and Oil & Gas Infrastructure	GOM 67	Harry Luton
12:00	Discussion		
12:30	Lunch		
	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

Other Information

[OCS Scientific Committee Charter](#)

[Members, Ex-Officio Members, NOAA, and Those within BOEM Who Work Closely with the Committee Bios](#)

[Pacific OCS Region Presenters](#)

[Letter to the Director, May 17-19 2011](#)

[Director's Response to the Committee's Letter to the Director, May 17-19, 2011](#)

[2012 OCS Scientific Committee Discipline Breakout Groups and Subcommittees](#)

[Standard Development Plan](#)

[Frequently Used Acronyms](#)