

# ATLANTIC OCEAN ENERGY AND MINERAL SCIENCE FORUM

November 16-17, 2016

## Agenda

Wednesday, November 16

7:30 – 8:30 am	Complimentary Breakfast and Registration	
<b>Welcome</b>		
8:30-8:45 am	Welcoming Remarks	Rodney Cluck Chief, Division of Environmental Sciences, BOEM
<b>Atlantic Activities Overview</b>		
8:45-10:00 am	Regional Ocean Planning Update	Bob LaBelle Senior Advisor to the BOEM Director
	Renewable Energy Program	Michelle Morin Chief, Environment Branch for Renewable Energy, BOEM
	Marine Minerals Program	Jeff Reidenauer Chief, Marine Minerals Branch, BOEM
	Conventional Energy Program	Matt Frye Chief, Resource Evaluation Division Methodologies Branch, BOEM
10:00-10:15 am	<b>Coffee Break</b>	
<b>Social and Cultural Resources</b>		
10:15-11:30 am	Using Socioeconomic Data to Support BOEM's National Environmental Policy Act Assessments	Amy Stillings Industrial Economist, BOEM
	Public Attitudes, Values for Offshore Wind and Implications for Recreation and Tourism	George Parsons Professor, University of Delaware
	Analysis of the Effects of the Block Island Wind Farm on Rhode Island Recreation and Tourism Activities	David Bidwell Professor, University of Rhode Island
	Introduction to BOEM Archaeological Research	James Moore Archaeologist, BOEM
11:30-12:00 pm	Discussion with Panel and Audience - BOEM's Research Priorities in Social Science	
12:00-1:30 pm	<b>Lunch</b>	
<b>Marine Mammals</b>		
1:30-2:45 pm	Atlantic Marine Assessment Program for Protected Species (AMAPPS)	Debra Palka Project Manager, NOAA
	Field Studies of Whales, Dolphins, and Sea Turtles for Offshore Alternative Energy Planning in Massachusetts	Scott Kraus New England Aquarium
	Determining Offshore Use by Marine Mammals and Ambient Noise Levels using Passive Acoustic Monitoring offshore Maryland	Helen Bailey University of Maryland
	Understanding Whale Presence in the Virginia Offshore Wind Energy Area	Aaron Rice Cornell University
	Large Scale Monitoring of Acoustic Soundscapes and Species Distribution Patterns across the Western Atlantic Ocean	Sofie Van Parijs NOAA
2:45-3:00 pm	Discussion with Panel and Audience – Future Directions for Marine Mammal Research	

3:00-3:30 pm	<b>Networking Break</b>	
<b>Environmental Stressors</b>		
3:30-4:30 pm	Overview of BOEM's Real-Time Opportunity for Development of Environmental Observations (RODEO) Program	Anwar Khan HDR Engineering
	RODEO Program – Aerial and Underwater Acoustic Monitoring	James Miller Professor, University of Rhode Island
	RODEO Program – Sediment Disturbance and Seafloor Recovery Monitoring	Kevin Smith Fugro Group
	Overview and initial results from a study of Electromagnetic Field Effects on Marine Organisms (Lobsters and Skates) from a submerged DC power transmission cable in Long Island Sound	John King Professor, University of Rhode Island
4:30-5:00 pm	Discussion with Panel and Audience: Future Directions for Marine Mammal Research	

**Thursday, November 17**

7:30 – 8:30 am	Complimentary Breakfast and Registration	
<b>Welcome</b>		
8:30-8:45 am	Review of Previous Day	
<b>Marine and Coastal Birds</b>		
8:45-9:45 am	Mapping and Modelling Distribution and Abundance of Seabirds	Brian Kinlan Marine Ecologist, NOAA
	Surveys off Massachusetts	Tim White Avian Biologist, BOEM
	Spatial use of the Atlantic OCS by vulnerable marine birds	Andrew Gilbert Data Management Director, Biodiversity Research Institute
	New Technologies and Approaches for Characterizing Bird Exposure to Offshore Energy on the OCS	Julia Robinson Willmott Senior Scientist, Normandeau
9:45-10:15 am	Discussion with Panel and Audience: Further Avenues of Study including Avian Responses to Turbines	
10:15-10:30 am	<b>Coffee Break</b>	
<b>Fisheries</b>		
10:30-11:15 am	Overview of BOEM's Fisheries Science Strategy	Brian Hooker Fisheries Biologist, BOEM
	Fish and Invertebrate Hearing Physiology	David Zeddies JASCO Applied Science
	Potential Effects of Offshore Wind Development on Fish and Invertebrates	Aaron Rice Cornell
	Fisheries/Offshore Wind Co-Occurrence and Focus on Black Sea Bass	Vince Guida/Beth Phelan NOAA Fisheries
11:15-12:00 pm	Panel Discussion: Important Outstanding Research Questions Regarding Anthropogenic Sound and Fish	
12:00-1:30 pm	<b>Lunch</b>	

<b>Marine Minerals Program</b>		
1:30-2:40 pm	A Review of Marine Minerals Science Strategy and Studies	Jennifer Bucatari Oceanographer, BOEM
	A National Outer Continental Shelf Sand / Sediment Inventory - Marine Minerals Geospatial and Information System	Leighann Brandt Geologist, BOEM
	Characteristics of Sounds Emitted during High-Resolution Marine Geophysical Surveys	Steven Crocker US Navy
	Preliminary Results of BOEM's Atlantic Sand Assessment Project, Location and Quantity of Coastal Restoration Mineral Resources on the Atlantic OCS	Beau Southard CB&I
	Ecological Function and Recovery of Biological Communities within Dredged Ridge-Swale Habitats in the South-Atlantic Bight	Debra Murie Professor, University of Florida
2:40-3:00 pm	Discussion with Panel and Audience - BOEM MMP's Future Research Priorities	
3:00-3:30 pm	<b>Networking Break</b>	
<b>Future Needs</b>		
3:30-4:45 pm	Panel Discussion: Future directions for Atlantic Environmental Studies and seeking participant suggestions	BOEM Staff
4:45 – 5:00 pm	Closing Remarks	