## California Ocean Renewable Energy Conference November 1–2, 2016 Presentations



## **Day 1: Tuesday, November 1, 2016**Governance, Resources & Technology

Opening Remarks		
PDF	California Ocean Renewable Energy Conference Abigail Ross Hopper, BUREAU OF OCEAN ENERGY MANAGEMENT	
FOF	California and the Dawn of the Clean Energy Era  David Hochschild, CALIFORNIA ENERGY COMMISSION	
<b>Session 1: Governance</b> Chair: Joan R. Barminski		
POF	Bureau of Ocean Energy Management Regulatory Roles and Processes, and BOEM-CA Intergovernmental Renewable Energy Task Force Joan R. Barminski, BUREAU OF OCEAN ENERGY MANAGEMENT	
POF	Permitting and Planning for Offshore Renewable Energy  Karen Douglas, CALIFORNIA ENERGY COMMISSION	
POF	Offshore Renewable Energy & the California State Lands Commission  Jennifer Lucchesi, CALIFORNIA STATE LANDS COMMISSION	
POF	Offshore Renewable Energy and the California Coastal Commission  Dr. Kate Huckelbridge, CALIFORNIA COASTAL COMMISSION	
PDF	The Importance of Stakeholder Engagement in Offshore Renewable Energy Opportunities  Dr. Sam Blakeslee, CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO	
No Slide Show	Tribal Governance Dr. Thomas Gates, CALIFORNIA ENERGY COMMISSION	
Session 2: Offshore Wind Energy Resources & Technology Chair: Walt Musial		
POF	California Offshore Wind Resource and Market Overview  Walt Musial, NATIONAL RENEWABLE ENERGY LABORATORY	
PDF	National Offshore Wind Strategy From Development to Implementation  Dr. Alana Duerr, U.S. DEPARTMENT OF ENERGY	
POF	Floating Offshore Wind Industry Overview Dr. Dominque Roddier, PRINCIPLE POWER, INC.	
PDF	Infrastructure to Support Offshore Floating Wind, Focus on California Shane Phillips, MOTT MACDONALD	
Session 3: Offshore Wave Energy Resources & Technology Chair: Al LiVecchi		
FOF	Wave Energy Technology Overview Al LiVecchi, NATIONAL RENEWABLE ENERGY LABORATORY	
PDF	DOE Marine and Hydrokinetic Program Overview  Dr. Samantha Eaves, U.S. DEPARTMENT OF ENERGY	
POF	The U.S. Wave Energy Resource Al LiVecchi, NATIONAL RENEWABLE ENERGY LABORATORY	
PDF	Ocean Renewable Energy: A Diversity of Technologies for a Diversity of Markets  Jason Busch, Marine Energy Council & Pacific Ocean Energy Trust	

## California Ocean Renewable Energy Conference November 1–2, 2016 Presentations



## Day 2: Wednesday, November 2, 2016 Environmental Sciences

Opening Remarks		
PDF	Pacific Region Outer Continental Shelf Environmental Studies Program	
~	Dr. Ann Scarborough Bull, BUREAU OF OCEAN ENERGY MANAGEMENT	
No	Opening Remarks	
Slide Show	Deborah Halberstadt, CALIFORNIA OCEAN PROTECTION COUNCIL & CALIFORNIA NATURAL RESOURCES AGENCY	
Session 4: Human Dimensions Chair: Donna Schroeder		
	Impact Analysis of Offshore Energy Installations to Commercial Fisheries	
₽DF }-	Donna Schroeder, Bureau of Ocean Energy Management	
PRE	A Forward Thinking Approach to Marine Renewable Energy Development Through Marine	
POF 3	Spatial Planning Dr. Crow White, California Polytechnic State University, SAN LUIS OBISPO	
PDF	Potential for Jobs and Economic Development from Offshore Wind in California	
₽DF }~	Dr. Suzanne Tegen, NATIONAL RENEWABLE ENERGY LABORATORY	
PDF	Visibility and Visualization of Offshore Wind Facilities	
POF	Robert Sullivan, ARGONNE NATIONAL LABORATORY	
Session 5: Physical Science		
Chair: Susan Zaleski		
PDF 1	Overview of Atmospheric Effects from Offshore Wind Energy Activities	
	Susan Zaleski, BUREAU OF OCEAN ENERGY MANAGEMENT	
PDF	Using Existing Monitoring Data to Understand How Wave Energy Affects Nearshore	
	Communities Dr. Kevin Lafferty, u.s. GEOLOGICAL SURVEY	
J.	Electromagnetic Fields (EMF) and Environmental Risk, Studies Supported by BOEM	
	Dr. Ann Scarborough Bull, BUREAU OF OCEAN ENERGY MANAGEMENT	
₽DF ♣	Marine Acoustics Issues Related to Floating Windfarm Development	
Stanley Labak, BUREAU OF OCEAN ENERGY MANAGEMENT  Session 6: Habitat Ecology		
Chair: Lisa Gilbane		
PDF J.	Benthic Habitats: Regulatory Approach to Surveying the Ocean Floor	
	Lisa Gilbane, Bureau of Ocean Energy Management	
POF		
	GIS and Offshore Wind Frank Pendleton, BUREAU OF OCEAN ENERGY MANAGEMENT	
PDF .	Estimating Distribution of Sedimentary Benthic Habitats and Species on the Eastern Pacific	
	Shelf and Effects of Device Deployment Dr. Sarah Henkel, OREGON STATE UNIVERSITY	
PDF 2	Habitat Impacts of Offshore Wind and Wave Energy Development	
~	Dr. Peter Nelson, H.T. HARVEY & ASSOCIATES	
	Session 7: Marine Wildlife	
Chair: David Pereksta		
POF 2	Birds and Offshore Wind Energy Development: Status and Distribution, Potential Effects,	
	Mitigations, and Assessment David Pereksta, BUREAU OF OCEAN ENERGY MANAGEMENT	
₽DF }	Seabird Vulnerability to Offshore Wind Energy Infrastructure in the Pacific OCS	
	Emily Kelsey, U.S. GEOLOGICAL SURVEY	
J.	Potential Interactions Between Offshore Renewable Energy Activities, Marine Mammals and Sea Turtles  Greg Sanders, BUREAU OF OCEAN ENERGY MANAGEMENT	
POF	Ultra High Resolution Aerial Remote Sensing: Changing the Way We Collect Offshore	
	Wildlife Data Christian Newman, APEM, INC.	
	Christian Activitian, Alem, inc	