

California Ocean Renewable Energy Conference
Day 1: Governance, Resources & Technology
Tuesday, November 1, 2016



8:00–8:15	Coffee & Tea
Welcome to the Conference	
8:15–8:30	Dr. Case van Dam, UNIVERSITY OF CALIFORNIA, DAVIS Joan R. Barminski, BUREAU OF OCEAN ENERGY MANAGEMENT
Opening Remarks	
8:30–8:50	Abigail Ross Hopper, BUREAU OF OCEAN ENERGY MANAGEMENT
8:50–9:20	David Hochschild, CALIFORNIA ENERGY COMMISSION
Session 1: Governance Chair: Joan R. Barminski	
9:20–9:25	Introduction Joan R. Barminski, BUREAU OF OCEAN ENERGY MANAGEMENT
9:25–9:45	BOEM Regulatory Roles and Processes, and BOEM-California Intergovernmental Renewable Energy Task Force Joan R. Barminski, BUREAU OF OCEAN ENERGY MANAGEMENT
9:45–10:05	Permitting and Planning for Offshore Renewable Energy Karen Douglas, CALIFORNIA ENERGY COMMISSION
10:05–10:25	Offshore Renewable Energy & the California State Lands Commission Jennifer Lucchesi, CALIFORNIA STATE LANDS COMMISSION
10:25–10:40	Break
10:40–11:00	Offshore Renewable Energy and the California Coastal Commission Dr. Kate Huckelbridge, CALIFORNIA COASTAL COMMISSION
11:00–11:20	The Importance of Stakeholder Engagement in Offshore Renewable Energy Opportunities Dr. Sam Blakeslee, CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO
11:20–11:40	Tribal Governance Heather Hostler, OFFICE OF THE GOVERNOR OF CALIFORNIA Dr. Thomas Gates, CALIFORNIA ENERGY COMMISSION
11:40–12:00	Q&A / Panel Discussion
12:00–1:30	Lunch Break
Session 2: Offshore Wind Energy Resources & Technology Chair: Walt Musial	
1:30–1:35	Introduction Walt Musial, NATIONAL RENEWABLE ENERGY LABORATORY
1:35–1:55	Offshore Wind Technology, Resource and Market Overview Walt Musial, NATIONAL RENEWABLE ENERGY LABORATORY
1:55–2:15	DOE Offshore Wind Program Overview and National Offshore Wind Strategy Dr. Alana Duerr, U.S. DEPARTMENT OF ENERGY
2:15–2:35	Floating Offshore Wind Industry Overview Dr. Dominique Roddier, PRINCIPLE POWER, INC.
2:35–2:55	California Ports and Infrastructure: Capabilities and Requirements for Offshore Wind Development Shane Phillips, MOTT MACDONALD
2:55–3:15	Q&A / Panel Discussion
3:15–3:30	Break
Session 3: Offshore Wave Energy Resources & Technology Chair: Al LiVecchi	
3:30–3:35	Introduction Al LiVecchi, NATIONAL RENEWABLE ENERGY LABORATORY
3:35–3:55	Wave Energy Overview Al LiVecchi, NATIONAL RENEWABLE ENERGY LABORATORY
3:55–4:15	DOE Wave Energy Program Dr. Samantha Eaves, U.S. DEPARTMENT OF ENERGY
4:15–4:35	Wave Resource Overview Al LiVecchi, NATIONAL RENEWABLE ENERGY LABORATORY
4:35–4:55	Wave Energy Industry Overview Jason Busch, MARINE ENERGY COUNCIL & PACIFIC OCEAN ENERGY TRUST
4:55–5:15	Q&A / Panel Discussion
5:15–7:00	Evening Social with Light Refreshments

California Ocean Renewable Energy Conference
Day 2: Environmental Sciences
Wednesday, November 2, 2016



8:00–8:30	Coffee & Tea
Opening Remarks	
8:30–8:50	Dr. Ann Scarborough Bull, BUREAU OF OCEAN ENERGY MANAGEMENT
8:50–9:10	Deborah Halberstadt, CALIFORNIA OCEAN PROTECTION COUNCIL & CALIFORNIA NATURAL RESOURCES AGENCY
Session 4: Human Dimensions Chair: Donna Schroeder	
9:10–9:15	Introduction Donna Schroeder, BUREAU OF OCEAN ENERGY MANAGEMENT
9:15–9:30	Impact Analysis of Offshore Energy Installations to Commercial Fisheries Donna Schroeder, BUREAU OF OCEAN ENERGY MANAGEMENT
9:30–9:45	A Forward Thinking Approach to Marine Renewable Energy Development Through Marine Spatial Planning Dr. Crow White, CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO
9:45–10:00	Jobs and Economic Impacts from Floating Offshore Wind in California Dr. Suzanne Tegen, NATIONAL RENEWABLE ENERGY LABORATORY
10:00–10:15	Visibility and Visualization of Offshore Wind Facilities Robert Sullivan, ARGONNE NATIONAL LABORATORY
10:15–10:30	Q&A / Panel Discussion
10:30–10:45	Break
Session 5: Physical Science Chair: Susan Zaleski	
10:45–10:50	Introduction Susan Zaleski, BUREAU OF OCEAN ENERGY MANAGEMENT
10:50–11:05	Overview of Atmospheric Effects from Offshore Wind Energy Activities Susan Zaleski, BUREAU OF OCEAN ENERGY MANAGEMENT
11:05–11:20	Using Existing Monitoring Data to Understand How Wave Energy Affects Nearshore Communities Dr. Kevin Lafferty, U.S. GEOLOGICAL SURVEY
11:20–11:35	Electromagnetic Fields (EMF) and Environmental Risk Dr. Ann Scarborough Bull, BUREAU OF OCEAN ENERGY MANAGEMENT
11:35–11:50	Marine Acoustics Issues Related to Floating Windfarm Development Stanley Labak, BUREAU OF OCEAN ENERGY MANAGEMENT
11:50–12:05	Q&A / Panel Discussion
12:05–1:30	Lunch Break
Session 6: Habitat Ecology Chair: Lisa Gilbane	
1:30–1:35	Introduction Lisa Gilbane, BUREAU OF OCEAN ENERGY MANAGEMENT
1:35–1:50	Benthic Habitats: Regulatory Approach to Surveying the Ocean Floor Lisa Gilbane, BUREAU OF OCEAN ENERGY MANAGEMENT
1:50–2:05	GIS Uses for Offshore Wind Frank Pendleton, BUREAU OF OCEAN ENERGY MANAGEMENT
2:05–2:20	Estimating Distribution of Sedimentary Benthic Habitats and Species on the Eastern Pacific Shelf and Effects of Device Deployment Dr. Sarah Henkel, OREGON STATE UNIVERSITY
2:20–2:35	Habitat Impacts of Offshore Wind and Wave Energy Development Dr. Peter Nelson, H.T. HARVEY & ASSOCIATES
2:35–2:50	Q&A / Panel Discussion
2:50–3:05	Break
Session 7: Marine Wildlife Chair: David Pereksta	
3:05–3:10	Introduction David Pereksta, BUREAU OF OCEAN ENERGY MANAGEMENT
3:10–3:25	Birds and Offshore Wind Energy Development: Status and Distribution, Potential Effects, Mitigations, and Assessment David Pereksta, BUREAU OF OCEAN ENERGY MANAGEMENT
3:25–3:40	Seabird Vulnerability to Offshore Wind Energy Infrastructure in the Pacific OCS Emily Kelsey, U.S. GEOLOGICAL SURVEY
3:40–3:55	Potential Interactions Between Offshore Renewable Energy Activities, Marine Mammals and Sea Turtles Greg Sanders, BUREAU OF OCEAN ENERGY MANAGEMENT
3:55–4:10	Ultra High Resolution Aerial Remote Sensing: Changing the Way We Collect Offshore Wildlife Data Christian Newman, APEM, INC.
4:10–4:25	Q&A / Panel Discussion
Closing Remarks	
4:25–4:45	Joan R. Barminski, BUREAU OF OCEAN ENERGY MANAGEMENT Dr. Case van Dam, UNIVERSITY OF CALIFORNIA, DAVIS