



California Coastal Conditions: Strategies for the Present and Future
Bodega Marine Laboratory, UC Davis
Wednesday, April 18, 2018

Continental Breakfast and Registration

8:00-9:00

Welcome and Opening Remarks

9:00-10:00

<i>California Shore & Beach Preservation Association</i>	<i>Doug George</i>	<i>CSBPA/UC Davis</i>
	<i>Kim Garvey</i>	<i>CSBPA/Moffatt & Nichol</i>
<i>American Shore & Beach Preservation Association</i>	<i>Derek Brockbank</i>	<i>ASBPA</i>
<i>Welcome from Sonoma County</i>	<i>Supervisor</i> <i>Lynda Hopkins</i>	<i>Sonoma County, Fifth District</i>
<i>The UC Davis Bodega Marine Laboratory: Research, Education, and Engagement at the Land-Sea Interface</i>	<i>Gary Cherr</i>	<i>UC Davis</i>
<i>Marine Science at UC Davis: The Coastal and Marine Sciences Institute</i>	<i>Shauna Oh</i>	<i>UC Davis</i>
<i>The Power of a Story: Exploring Communication Methods that Build Connections between Science and Society</i>	<i>Annaliese Hettinger</i>	<i>UC Davis</i>

Networking Break

10:00-10:20

Sea Level Rise and Coastal Erosion

10:20-12:30

<i>Climate Change, Sea Level Rise, and Coastal Erosion in California</i>	<i>Dan Hoover</i>	<i>US Geological Survey</i>
<i>An Overview of Recent Projects Related to Sand Budgets, Sand Supply, Coastal Armoring, and Management of Southern California Beaches</i>	<i>Kiki Patsch</i>	<i>CSU Channel Islands</i>
<i>The Corps of Engineers and Planning for Sea Level Rise</i>	<i>Tom Kendall</i>	<i>US Army Corps of Engineers</i>
<i>Beyond Benefit/Cost Analysis: The Economics of Local Coastal Programs</i>	<i>Phil King</i>	<i>San Francisco State University</i>
<i>Moderator: Andy O'Neill</i>		

Lunch

12:30-1:30

<i>CSBPA Awards</i>	<i>Kim Garvey</i> <i>Chris Webb</i>	<i>CSBPA/Moffatt & Nichol</i> <i>CSBPA/Moffatt & Nichol</i>
<i>Keynote Address</i>		
<i>Our Changing Coast: How National Marine Sanctuaries Are Facing the Challenge</i>	<i>Superintendent</i> <i>Maria Brown</i>	<i>Greater Farallones National Marine Sanctuary</i>

Sandy Beaches

1:30-3:30

<i>Supplies of Sand to California Beaches: Rates and Processes</i>	<i>Jon Warrick</i>	<i>US Geological Survey</i>
<i>Beach Nourishment in Southern California</i>	<i>Chris Webb</i>	<i>Moffatt and Nichol</i>
<i>Future Erosion in Southern Monterey Bay</i>	<i>Ed Thornton</i>	<i>Naval Postgraduate School</i>
<i>Beaches and Ecology</i>	<i>Karen Green</i>	<i>Tierra Data</i>
<i>Sandy Beach Management in an Urban National Park</i>	<i>Kristen Ward</i>	<i>National Park Service</i>
<i>More People, More Regulations, Less Funding</i>	<i>Brendan O'Neill</i>	<i>California State Parks and Recreation</i>
<i>Beach Nourishment in the Oceanside Littoral Cell</i>	<i>Aeryn Donnelly-Terrey</i>	<i>City of Carlsbad</i>
<i>Moderator: David Cannon</i>		

Networking Break

3:30-3:50

Estuaries and Lagoons

3:50-5:30

*Pacific Coastal Wetland Vulnerability to Sea Level Rise
Devereux Slough – North Campus Open Space Restoration*

*Karen Thorne
Dane Behrens*

*US Geological Survey
Environmental Science
Associates
Integral*

*Coastal Lagoon Dynamics: An Observational Assessment of the
San Lorenzo River Mouth during Natural and Anthropogenic
Breaching*

Craig Jones

*Planning for the Future of Humboldt Bay: Sea Level Rise, Sediment
Management, Sand Spits and Salt Marshes*

Joel Gerwein

State Coastal Conservancy

Suspended-sediment Transport in the San Francisco Estuary

*Maureen Downing-
Kunz*

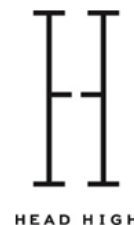
U.S. Geological Survey

Moderator: *Brenda Goeden*

Poster Session and Reception

5:30-7:30

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California Coastal Conditions: Strategies for the Present and Future
Bodega Marine Laboratory, UC Davis
Thursday, April 19, 2018

Continental Breakfast and Registration		8:00-8:30
One State, Many Environs: Northern, Central, and Southern California		8:30-9:50
<i>Wetlands on the Edge: The Future of Southern California's Diverse, Coastal Wetlands</i>	<i>Evyan Sloane</i>	<i>State Coastal Conservancy</i>
<i>Sediment Export from Coastal Watersheds in Central California: Landscape Response to Hydroclimatic Extremes and Implications for the Nearshore Zone</i>	<i>Amy East</i>	<i>US Geological Survey</i>
<i>Making the Case for Landscape-scale Flood Management Along California's Coastal Transportation Corridors</i>	<i>Justin Vandever</i>	<i>AECOM</i>
<i>Impacts to Action: Climate Change Response on the North-central California Coast</i>	<i>Sara Hutto</i>	<i>Greater Farallones National Marine Sanctuary</i>
Moderator: <i>Doug George</i>		
Pop-Up Session		9:50-10:30
<i>Good Things Happening at ASBPA/CSBPA Surf's Up</i>	<i>Kim Garvey</i>	<i>CSBPA/Moffatt & Nichol</i>
<i>Opportunistic Beach Nourishment Program for Southern Monterey Bay</i>	<i>Nick Sadrpour</i>	<i>USC Sea Grant</i>
<i>How 25 Years of Photographic Beach Profile Data Can Inform Coastal Change</i>	<i>James Jackson</i>	<i>Environmental Science Associates</i>
<i>Biodiversity Gradients in the Tomales Bay Giant Kelp Beds</i>	<i>Taylor Nairn</i>	<i>National Oceanic and Atmospheric Administration</i>
<i>Kelp Forests for Northern California</i>	<i>Jordan Hollarsmith</i>	<i>Bodega Marine Laboratory</i>
<i>Please Don't Feed the Patch</i>	<i>Shelby Kawana</i>	<i>California Department of Fish and Wildlife</i>
<i>Facilitator: Doug George</i>	<i>Sue Watkins</i>	<i>38 North Water</i>
Networking Break		10:30-10:50
Adaptation Strategies for the California Coast		10:50-1:00
<i>Towards Natural Infrastructure for Coastal Adaptation</i>	<i>Sam Veloz</i>	<i>Point Blue</i>
<i>Estuarine Mixed Beach Nourishment as a Habitat-compatible Alternative to Shoreline Armoring of Erosional San Francisco Estuary Shorelines</i>	<i>Peter Baye</i>	<i>Independent</i>
<i>A Conceptual Holistic Approach to Adaptation Planning</i>	<i>Dave Revell</i>	<i>Revell Coastal</i>
<i>Developing Adaptation Strategies Based on Shoreline Typology</i>	<i>Dilip Trividi</i>	<i>Moffatt and Nichol</i>
<i>Living Shorelines: Restoration and Climate Adaptation in San Francisco Bay</i>	<i>Marilyn Latta</i>	<i>State Coastal Conservancy</i>
<i>Thinking Globally, Acting Locally to Meet the SLR Challenge</i>	<i>Jack Liebster</i>	<i>Marin County</i>
Moderator: <i>Kristen Goodrich</i>		
Lunch		1:00-2:00
<u>Keynote Address</u>		
<i>"I followed the river and I got to the sea." Exploring the synergy of land and marine life conservation</i>	<i>Dave Koehler</i>	<i>Sonoma Land Trust</i>

Coastal Policy: Making Strategies, Taking Action

2:00-4:00

Moving from Planning to Implementation: Bridging Coastal Climate Science, Law, Policy, and Spatial Modeling

Eric Hartge

Stanford Center for Ocean Solutions

Coastal Commission Guidance: Setting the Stage for Action Constraints and Opportunities for Beneficial Reuse of Sand

Lesley Ewing

California Coastal Commission

Collaborative Approaches: Case Studies from the Sandy Front

Brian Ross

US Environmental Protection Agency

Coastal Zone Engineering and Management Policy -

Chris Potter

California Natural Resources Agency

A Practitioner's View

Bob Battalio

Environmental Science Associates

Protecting the Public Trust: Innovation and Partnerships Birthright

Maren Farnum

California State Lands Commission

Moderator: Aaron McGregor

Marc Beyeler

MBA Consultants

Networking Break

4:00-4:15

Attendees Input to California Shore & Beach Preservation Association

4:15-5:00

CSBPA Board Members Kim Garvey, Doug George and Phyllis Grifman

Facilitator: Kristen Goodrich

Adjourn

5:00

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