

State of the Bay

September 9, 2015 Loyola Marymount University, Los Angeles California

DAY OVERVIEW

- 8:30 - 9:30 Registration and Welcome**
- 9:30 - 9:45 Welcome and Opening Remarks**
Micheál O'Leary
Chair, Santa Monica Bay Restoration Commission
Dr. Tina Choe
Dean of the Frank R. Seaver College of Science and Engineering,
Loyola Marymount University
Jonathan Bishop
Chief Deputy Director, State Water Resources Control Board
- 9:45 - 10:30 PLENARY PRESENTATION: State of the Bay 2015**
Technical Advisory Committee
Santa Monica Bay National Estuary Program
- 10:30 - 11:30 Concurrent Breakout Sessions**
- 11:30 - 12:15 Lunch**
- 12:15 - 12:50 KEYNOTE:**
John Laird
California Secretary for Natural Resources
- 1:00 - 2:00 Concurrent Breakout Sessions**
- 2:00 - 2:20 Break and Refreshments**
- 2:20 - 3:20 Concurrent Panel Discussions**
- 3:30 - 4:30 PLENARY PANEL: The Bay in 2020**
Panelists include:
Dr. Rich Ambrose
Chair, SMBNEP Technical Advisory Committee
Professor, Department of Environmental Health Sciences, UCLA
Francine Diamond
Board Member, LA Regional Water Quality Control Board
Dr. Mark Gold
Associate Vice Chancellor for Environment and Sustainability, UCLA
Council Member Paul Koretz
5th District, City of Los Angeles
Cat Kuhlman
Executive Director, California Ocean Protection Council
Deputy Secretary for Oceans and Coastal Policy, California Natural Resources Agency
Dr. Craig Shuman
Marine Region Manager, California Department of Fish and Wildlife
Nancy Sutley
Chief Sustainability and Economic Development Officer,
LA Department of Water and Power
- 4:30 - 6:30 Reception at the LMU Sculpture Gardens**
- 4:45 - 5:15 Tour of LEED certified Life Sciences Building (optional)**
Arnold Swanborn, CO Architects

OUR PARTNERS

Organized jointly by



bay restoration commission
STEWARDS OF SANTA MONICA BAY

LMU|LA
The Center for Santa
Monica Bay Studies

A program of the Seaver College of Science and
Engineering at Loyola Marymount University and
The Bay Foundation

WATER RESOURCES AND CLIMATE CHANGE

Presentations

10:30-11:30: Coastal Resilience and Climate Change

Moderator: Dr. Shelley Luce, Environment Now

“Future Conditions Coastal Hazard Modeling and Mapping for Santa Monica Bay” - Robert Battalio, ESA

“Atmospheric Rivers in California: Their Impacts and Climate Change Considerations” - Dr. David Lavers, UC San Diego

“Increase Coastal Resilience Against Sea Level Rise Through Preservation and Restoration of Natural Dune System” - Matthew James, Coastal Restoration Consultants



1:00-2:00: Water Management Strategies and Adaptation to Climate Change

Moderator: Dr. Jim Landry, Loyola Marymount University

“Coastal Conservancy’s Climate Ready Program” - Joan Cardellino, California Coastal Conservancy

“One Water LA 2040 Plan” - Adel Hagekhalil, City of L.A. Bureau of Sanitation

“What Can We Learn From Australia’s Responses to It’s Millennium Drought?” - Dr. Stanley Grant, UC Irvine



Panel Discussion

2:20-3:20: Drought, Climate Change, and LA’s Water Future

Moderator: Fran Diamond, LA Regional Water Quality Control Board

Panelists:

Gloria Gray, West Basin Municipal Water District

Mia Lehrer, Mia Lehrer & Associates

Caryn Mandelbaum, Environment Now

Dave Pedersen, Los Virgenes Municipal Water District

Nancy Sutley, LA Department of Water and Power

Martha Tremblay, Sanitation Districts of LA County

WATER QUALITY

Presentations

10:30-11:30: TMDL Implementation - Progress and Challenges

Moderator: Dr. Mas Dojiri, City of Los Angeles

“Talking Trash with EPA” - Molly Martin, U.S. Environmental Protection Agency

“Challenge in Addressing Impacts From Emerging Contaminants” - Steve Bay, Southern California Coastal Water Research Project

“Addressing Copper Contamination - A San Diego Perspective on Reducing Copper Pollution and Meeting Water Quality Regulations” - Karen Holman and Stephanie Bauer, Port of San Diego



1:00-2:00: Watershed Management Approach for Addressing Storm Water Pollution

Moderator: Jack Topel, Santa Monica Bay Restoration Commission

“EWMP and the Responsibly Assured Recipe for Storm Water Compliance” - Dustin Bambic, Paradigm Environmental

“Watershed Scale BMPs in Orange County - Case Examples and Lessons Learned” - Chris Crompton, Orange County Public Works

“E Pluribus Unum: Shifting Urban Water Management from Centralized to Distributed” - Edith de Guzman, TreePeople



Panel Discussion

2:20-3:20: WMP and EWMP - New Opportunities and Challenges

Moderator: Dr. Cindy Lin, US Environmental Protection Agency

Panelists:

Chris Crompton, Orange County Public Works

Dr. Rita Kampalath, Heal the Bay

Paul Alva, LA County Department of Public Works

Renee Purdy, LA Regional Water Quality Control Board

Dr. Eric Stein, Southern California Coastal Water Research Project

Enrique Zaldivar, LA City Bureau of Sanitation

URBAN WATERSHEDS

Presentations

10:30-11:30: Assessing the Health of Our Streams and Wetlands

Moderator: Dr. John Dorsey, Loyola Marymount University

“Malibu Lagoon Restoration - Three Years After” - Suzanne Goode, California State Department of Parks and Recreation

“Regional Health Evaluation of Urban Coastal Wetlands in Southern California” - Karina Johnston, The Bay Foundation

“How Healthy are the Streams of the Santa Monica Bay Watershed? Answers from the Stormwater Monitoring Coalition’s Regional Stream Survey” - Dr. Raphael Mazor, Southern California Coastal Water Research Project



1:00-2:00: Show me the Way - Protecting Habitats and Wildlife in the Santa Monica Mountains

Moderator: Timothy Lippman, Supervisor Sheila Kuehl’s Office

“The Re-establishment of California Red-Legged Frog in the Santa Monica Mountains” - Dr. Katy Semple Delaney, National Park Service

“Mountain Lion Ecology and Conservation in a Fragmented Urban Landscape” - Jeff Sikich, National Park Service

“Protecting Nature and Preserving Access: The County’s Santa Monica Mountains Local Coastal Program” - Gina Natoli, LA County Department of Regional Planning



Panel Discussion

2:20-3:20: Sustaining and Restoring Biodiversity in an Urban Environment

Moderator: Council Member Paul Koretz, 5th District, City of Los Angeles

Panelists:

Christy Brigham, National Park Service
Dr. Travis Longcore, University of Southern California
Miguel Ordeñana, Natural History Museum
Jill Sourial, Nature Conservancy
Dr. Eric Strauss, Loyola Marymount University

MARINE RESOURCES

Presentations

10:30-11:30: Beneath the Surface - Top to Bottom

Moderator: Joseph Gully, Sanitation Districts of LA County

“Ocean Chemistry and Plankton Assessed by CalCOFI and their relation to Santa Monica Bay - Dr. Dave Checkley, UC San Diego

“Restoring Resilience, Stability and Profitability to Giant Kelp Forests off of Palos Verdes” - Tom Ford, The Bay Foundation

“Use of Santa Monica Bay as Nursery Habitat for White Sharks” - Dr. Chris Lowe, California State University, Long Beach



1:00-2:00: Evaluation of our Marine Resources and Management

Moderator: Dr. Karen Martin, Pepperdine University

“The Importance of Long-term Perspective and No-Take Marine Reserves at the Northern Channel Islands” - David Kushner, National Parks Service

“Rocky Intertidal Ecosystems of Southern California: Shoreline Health and Sea Star Decline” - Dr. Carol Blanchette, UC Santa Barbara

“Rocky Reef Health Assessment and Ecosystem Restoration in Santa Monica Bay and the Southern California Bight” - Dr. Dan Pondella, Occidental College



Panel Discussion

2:20-3:20 MPAs - Baselines, Evaluations, and Potentials

Moderator: Cat Kuhlman, Ocean Protection Council/California Natural Resources Agency

Panelists:

Dr. Benét Duncan, MPA Monitoring Enterprise

Dr. Dan Pondella, Occidental College

Dr. Craig Shuman, California Department of Fish and Wildlife

Sarah Sikich, Heal the Bay