

# 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

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**bay restoration commission**  
STEWARDS OF SANTA MONICA BAY



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URBAN DESIGN LANDSCAPE ARCHITECTURE

# 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 Reasonably 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