

Water Quality Symposium 2011



The 2011 Water Quality Symposium, 21st Century Science and Technology, promises to enlighten. Research projects that have taken many years and thousands of hours of analysis are ready for presentation. Subjects range from water quality source identification to the economics of sea level rise. This event will provide a unique opportunity to interact with recognized experts and researchers who have studied our rich coastal habitats. Please join us for a day of learning, exploration, and discussion.



Legacy Park Tour will commence immediately following the event and wrap up at approximately 5:30 p.m. The 17-acre park collects stormwater from the 337-acre Malibu Lagoon sub-watershed, disinfects with ozone in a 1,400 gallons per minute facility, and is recycled for park irrigation. The project includes restoration of five native habitats, a green street retrofit, trails, an outdoor classroom, and environmental education nodes.

The \$25.00 Registration Fee will include lunch. Seating is limited, so early registration is essential. Please email your RSVPs to Rebecca Nelson at rnelson@malibucity.org with "Symposium" in the subject line. Your seat will be made available to individuals on the waitlist if payment is not received by June 23, 2011.

Mail registration fees to:

City of Malibu – Symposium
Attn: Finance Department
23825 Stuart Ranch Road
Malibu, California, 90265

Thursday
June 30, 2011
9:00 a.m. - 4:30 p.m.
Registration at 8:30 a.m.
Malibu City Hall
23825 Stuart Ranch Road
Malibu, California 90265



ZEV YAROSLAVSKY
THIRD DISTRICT SUPERVISOR



The event is hosted by the City of Malibu and sponsored by the County of Los Angeles and the cities of Agoura Hills, Calabasas, and Westlake Village as part of collaborative efforts for education and outreach.

For more information, visit www.malibucity.org or call (310) 456-2489 ext. 286

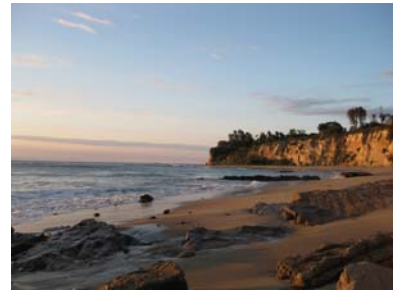
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Presentations and Speakers

Google Ocean, The World at Your Fingertips—Google Earth

**Coastal Inventory of Malibu Marine Resources,
Visual tour from the sand through the rocky reefs**—

Rich Ambrose, University of California at Los Angeles and Dan Pondella, Occidental College



Pacific Coast Water Study, Epidemiology and Water Quality

Study of Surfrider Beach (Overview of Avalon and Doheny Beaches)—Steve Weisberg, Southern California Coastal Water Research Project (SCCWRP)



Staph Study of Five Southern California Beaches—

Kelly Goodwin, National Oceanic and Atmospheric Administration

PhyloChip Bacteria Source Identification—

Eric Dubinsky, Lawrence Berkeley National Laboratories

Economic Impacts of Sea Level Rise, Focus on Zuma and Broad Beaches—Philip King, San Francisco State University and Aaron McGregor, California Ocean Science Trust

Malibu Civic Center Bacteria Source Identification Study—John Izbicki, United States Geological Survey

Escondido and Ramirez Creeks Bacteria Source Identification Study—

Steve Weisberg, SCCWRP and Los Angeles County Board of Supervisor Zev Yaroslavsky

Pismo Beach Bacteria Source Identification Study—Christopher Kitts, California Polytechnic State University, San Luis Obispo

Geological Influences on Malibu Creek Ecology and Malibu Creek Comprehensive Monitoring Program—Randal Orton, Las Virgenes Municipal Water District

State of the Malibu Creek Watershed: Summary of a Decade of Monitoring—Mark Gold, President of Heal the Bay

Malibu Legacy Park Tour, Design and function—Steve Clary, RMC Water & Environment, Ken Susilo, GeoSyntec and Rich Ambrose, University of California at Los Angeles

