

# SEVENTEENTH ANNUAL MEETING OF THE CALIFORNIA AQUATIC BIOASSESSMENT WORKGROUP

DAVIS, CALIFORNIA  
NOVEMBER 16 and 17, 2010

## MEETING AGENDA

**TUESDAY NOVEMBER 16**

**ARC Ballroom, UC Davis Campus**

- 8:00 - 10:00 **Workshop (Optional) Bioassessment Basics Part II – Determining Biotic Condition Using Probabilistic Design** – *Jim Harrington, Pete Ode and Andy Rehn, California Department of Fish and Game, Office of Spill Prevention and Response, Aquatic Bioassessment Laboratory (ABL)*
- 10:00 - 10:30 **Break and Registration**
- 10:30 - 10:40 **Welcome and Objectives of the Meeting** – *Jim Harrington, ABL*
- 10:40 - 11:00 **Update on the Development and Implementation of Biological Objectives for California** – *Karen Larsen, State Water Resources Control Board (SWRCB), Sacramento [Presentation](#) (32 mins)*
- 11:00 - 11:20 **Status of the Surface Water Ambient Monitoring Program (SWAMP) and Recent Accomplishments** – *Jennifer Doherty, State Water Resources Control Board (SWRCB), Sacramento [Presentation](#) (18 mins)*
- 11:20 – 11:50 **Update on Regional Board 9 Activities and How Bioassessment is Integrated into Water Quality Programs** – *David Gibson and Lilian Busse, Regional Water Quality Control Board Region 9, San Diego [Presentation](#) (19 mins)*
- 11:50 – 12:10 **Update on the Use of Bioassessment Data in the 303d Listing Procedures** – *Shakoora Azim-Gaylon, SWRCB, Sacramento [Presentation](#) (13 mins)*
- 12:10 - 2:00 Lunch (on your own)**
- 2:00 - 2:40 **The CTUIR Freshwater Mussel Project: Using a First Foods Approach to Enhance Conservation** – *Christine O'Brien, Confederated Tribes of the Umatilla Indian Reservation, Pendleton, Oregon [Presentation](#) (41 mins)*
- 2:40 - 3:00 **Status of Freshwater Mussels in California** – *Jeanette Howard, The Nature Conservancy, San Francisco [Presentation](#) (19 mins)*
- 3:00 - 3:30 **What Effects Will Climate Change Have on California Stream Invertebrates: Implications for Biodiversity and Bioassessment** – *Charles Hawkins, Utah State University, Logan [Presentation](#) (38 mins)*

- 3:30 - 3:50 **Break**
- 3:50 - 4:20 [California Water Quality Monitoring Council and My Water Quality Internet Portals](#) – Jon Marshack, SWRCB, Sacramento [Presentation](#) (29 mins)
- 4:20 - 4:40 [Data In and Data Out: Status on the SWAMP Database and Tools Being Developed for Biological Data](#) – Marco Sigala, Moss Landing Marine Laboratories \*
- 4:40 – 5:00 Discussion on the Biological Portion of the SWAMP Database

**WEDNESDAY NOVEMBER 17**

**ARC Ballroom, UC Davis Campus**

- 9:00 - 9:30 [Survey Results and Lessons Learned from the National Lakes Assessment](#) – Amina Pollard – U.S. Environmental Protection Agency, Washington, DC [Presentation](#) (31 mins)
- 9:30 - 10:00 [Development of an O/E Model for the National Lakes Assessment](#) – Charles Hawkins, Utah State University, Logan [Presentation](#) (27 mins)
- 10:00 - 10:20 [Contaminants in Fish from Lakes in California](#) – Jay Davis, San Francisco Estuary Institute (SFEI), Oakland [Presentation](#) (25 mins)
- 10:20 - 10:40 [Development of a Preliminary Macroinvertebrate Index of Biotic Integrity for Freshwater Wetlands](#) – Kevin B. Lunde, Vincent H. Resh U.C. Berkeley [Presentation](#) (22 mins)
- 10:40 - 11:00 Discussion on Next Steps for a California Lakes Assessment
- 11:00 – 11:20 Break**
- 11:20 - 11:40 [The Effects of Excessive Nutrients in Vernal Pools](#) – Jamie Kneitel, California State University, Sacramento (CSUS), Russell Croel, CSUS and Sharon Collinge, University of Colorado [Presentation](#) (22 mins)
- 11:40 - 12:00 [The Continued Search for BMI Responses to Deposited Sediments in Streams of the Sierra and Central Coast](#) – Dave Herbst, Scott Roberts, and Bruce Medhurst - University of California, Sierra Nevada Aquatic Research Laboratory [Presentation](#) (34 mins)
- 12:00 – 12:20 [Comparability of Two Algae Sampling Methods for Bioassessment: SWAMP \(multi-habitat\) and UC-SNARL \(targeted-riffle\)](#) – Matthew Cover, California State University, Stanislaus [Presentation](#) (14 mins)
- 12:20 - 1:30 Lunch (on your own)**

- 1:30 - 1:50 [\*\*Biological Assessment of Southern California's Coastal Watersheds: Results from the First Year of the SMC's Stream Monitoring Program\*\*](#) – Raphael D. Mazor, Southern California Coastal Water Research Project (SCCWRP), Costa Mesa \*
- 1:50 – 2:10 [\*\*Effect of Southern California Wildfires on Contaminant Levels in Streams\*\*](#) – Eric D. Stein, SCCWRP, Jeff Brown, SCCWRP, Terri Hogue, University of California at Los Angeles (UCLA) and Megan Burke, UCLA [Presentation](#) (14 mins)
- 2:10 – 2:30 [\*\*Impacts of Urban Runoff on a Pristine Southern California Stream: Audubon's Starr Ranch Use of Macroinvertebrates to Assess Water Quality\*\*](#) – Scott Gibson, Starr Ranch Sanctuary, Audubon [Presentation](#) (22 mins)
- 2:30 – 2:50 [\*\*Benthic Periphyton and Freshwater Mussel Sampling in the Lower Klamath and Trinity Rivers\*\*](#) – Ken Fetcho and Scott Sinnott, Yurok Tribe Environmental Program [Presentation](#) (24 mins)
- 2:50 – 3:30 Wrap-up of Meeting and Discussion on Lessons Learned

\* Due to technical difficulties the recorded presentation is not available.