

# TWENTIETH ANNUAL MEETING OF THE CALIFORNIA AQUATIC BIOASSESSMENT WORKGROUP

DAVIS, CALIFORNIA  
OCTOBER 29 and 30

## MEETING AGENDA

**TUESDAY OCTOBER 29**

**ARC Ballroom, UC Davis Campus**

8:30 – 9:00    **Registration**

9:00 - 9:10    Welcome and Objectives of the Meeting – *Jim Harrington, California Department of Fish and Wildlife (CDFW), Office of Spill Prevention and Response (OSPR), Aquatic Bioassessment Laboratory (ABL), Rancho Cordova*

9:10 - 9:30    [Overview of the CDFW's Office of Spill Prevention and Response New Challenges](#) – *Dave Crane, Laboratory Program Manager, OSPR Scientific Branch, Rancho Cordova*

9:30 - 10:00    [Update on Developing the Biological Objectives Regulatory Framework](#) – *Karen Larsen, State Water Resources Control Board (SWRCB), Sacramento*

10:00 - 10:30    [The Healthy Streams Partnership and the California Healthy Watershed Initiative](#) – *Lori Webber, SWRCB, Sacramento*

10:30 – 11:00    **Break**

11:00 - 11:30    [Dry, Dusty and Determined: Nevada's Bioassessment Program During a Drought Year](#) – *Marianne Denton, Bioassessment Program Coordinator Nevada Division of Environmental Protection, Bureau of Water Quality Planning*

11:30 – 11:40    [Overview of Bioassessment Activities in the State of Arizona](#) – *Patti Spindler, Arizona DEQ*

11:40 – 12:00    [Update on the College of Bioassessment and Plans for the 2014 Session](#) – *Jim Harrington, ABL*

12:00 – 12:20    [CDFW's New Scientific Collection Permit Process](#) – *Daniel Kratville, CDFW Fisheries Branch, Sacramento*

12:20 – 2:00    **Lunch**

- 2:00 – 2:10 [Introduction to the Special Session on Addressing Non-perennial Streams](#) – *Pete Ode, ABL*
- 2:10 – 2:40 [Development of Models to Predict Expected Flow in California Streams](#) – *Daren M Carlisle, Ph.D., Ecological Studies Coordinator National Water-Quality Assessment Program U.S. Geological Survey*
- 2:40 – 3:10 [An Intermittent Stream Bioassessment Tool for the Arizona-New Mexico Mountains Ecoregion of Arizona](#) – *David C. Richards, Cramer Fish Sciences, West Sacramento, CA and Patrice Spindler, Arizona DEQ*
- 3:10 – 3:30 [Developing Assessment Tools for Arid, Episodic Streams](#) – *Christopher Solek, Southern California Coastal Water Research Project (SCCWRP), Costa Mesa*
- 3:30 – 4:00 [New Tools and Videos from the SWRCB Clean Water Team](#) – *Erick Burres, SWRCB*

### **WEDNESDAY OCTOBER 30**

### **ARC Ballroom, UC Davis Campus**

- 9:00 – 9:20 [Management Implications and Analytical Methodology of Cyanobacteria in California](#) – *Kim Ward, SWRCB and David Crane, CDFW OSPR*
- 9:20 – 9:40 [Cyanotoxins Discovered in Different Water Body Types Throughout Southern California](#)– *Carey Nagoda and Lilian Busse, San Diego Regional Water Quality Control Board*
- 9:40 – 10:10 [California's Bioassessment Program for Depressional Wetlands](#) – *Eric Stein, SCCWRP*
- 10:10 – 10:40 [Developing an Index of Physical Integrity](#) – *Raphael Mazor, SCCWRP*
- 10:40 – 11:00 **Break**
- 11:00 - 11:20 [Bioassessment of the San Joaquin River: Implications for Chinook Salmon Habitat Restoration](#) – *Amy Krisch, CDFW, Fresno*
- 11:20 – 11:40 [Use of Bioassessment in Developing TMDL for Malibu Creek](#) – *Cindy Lin, US EPA, Santa Monica*
- 11:40 – 12:00 [Evaluating the Effects of Spawning Bed Enhancement on Water Quality and Benthic Communities in Deer Creek, Nevada County, California](#)– *Rachel Durben, Jeff Lauder and Justin Wood, Sierra Streams Institute, Nevada City*

- 12:00 – 12: 30 [A New Tool for Detecting Stress in Aquatic Insects at the Metabolic Level](#) – *Scott Johnson & Wendy Willis, Aquatic Bioassay and Consulting Laboratories, Ventura, CA; Jesus Reyes & Rich Gossett, Institute for Integrated Research in Materials, Environments, and Society (IIRMES); Kristy Morris, Council for Watershed Health, Los Angeles*
- 12:30 – 1:30 **Lunch**
- 1:30 – 1: 50 [Environmental Impacts of Marijuana Cultivation; Scenes from the Trenches](#) – *Scott Bauer, CDFW, Eureka*
- 1:50 - 2:20 [Plans for Monitoring the Aquatic Effects of Marijuana Cultivation in a Central Valley Watershed](#) –*Jim Harrington, ABL and Patricia Bratcher, CDFW, Red Bluff*
- 2:20 – 2: 40 [Impacts of Surface Water Diversions for Marijuana in Four Northwestern California Streams](#)– *Adam Cockrill, Jennifer Olson and Scott Bauer, CDFW, Eureka*
- 2:40 – 4: 00 **First Meeting of the California Chapter of the Society of Freshwater Science (SFS)**