

TWENTY-FIRST ANNUAL MEETING OF THE CALIFORNIA AQUATIC BIOASSESSMENT WORKGROUP

DAVIS, CALIFORNIA
November 18 and 19, 2014

MEETING AGENDA

TUESDAY NOVEMBER 18

ARC Ballroom, UC Davis Campus

8:30 – 9:00 **Registration**

9:00 - 9:20 [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)*

9:20 – 10:00 [SWAMP Bioassessment Program Update](#) – *Greg Gearheart and Lori Webber, State Water Resources Control Board (SWRCB)*

10:00 - 10:30 [Every Day is an Adventure: Nevada's 2014 Bioassessment Program](#) – *Marianne Denton, Nevada Division of Environmental Protection, Bureau of Water Quality Planning*

10:30 – 11:00 **Break**

Special Session on Multi-Indicator Integration

11:00 - 11:10 [Introduction and Objectives of the Session](#) – *Eric Stein, Southern California Coastal Water Research Project (SCCWRP)*

11:10 – 11:35 [Developing Multi-Indicator Assessments](#) – *Lilian Busse, San Diego Regional Water Quality Control Board and Brock Bernstein, Independent Consultant*

11:35 – 12:00 [Pitfalls and Opportunities with Integrating Dissimilar Indicators to Assess Condition](#) – *Fraser Shilling, UC Davis, Department of Environmental Science and Policy*

12:00 – 12:25 [Application of EPA's Healthy Watersheds Initiative Concepts Enhances Protection of California's Streams and Watersheds](#) – *Peter R. Ode, CDFW; Eric Stein – SCCRWP; Lori Webber, SWRCB and Terrence Fleming - US EPA Region IX*

12:25 – 2:00 **Lunch (on your own)**

2:00 – 2:25 [Regional Integrated Assessments: The Central Coast Healthy Watersheds Report Card](#) – Karen Worcester, Central Coast Regional Water Quality Control Board

2:25 – 2:50 [Development of an Integrated Riparian Edge and Stream Condition Index for Central Coast Watersheds](#) – Kevin O’Connor and Ross Clark, Central Coast Wetlands Workgroup at Moss Landing Marine Labs

2:50 – 3:15 [Challenges and Opportunities of Multi-Indicator Assessments: San Diego River Watershed Example](#) – Chad Loflen, San Diego Regional Water Quality Control Board

3:15 – 3:40 [Relating Multiple Indicators to Beneficial Uses: Are We Making the Connections?](#) – Chris Solek and Betty Fetscher, SCCWRP

3:40 – 4:00 **Break**

Special Workshop (Attendance Optional)

4:00 – 5:30 Developing a Tool for Interpreting Beneficial Use Attainment – Chris Solek and Betty Fetscher, SCCWRP

WEDNESDAY NOVEMBER 19

ARC Ballroom, UC Davis Campus

9:00 – 9:20 [Assessing Aquatic Habitat Connectivity and Low-flow Ecological Thresholds](#)– Robert Holmes, CDFW Water Branch

9:20 – 9:40 [Where Are Our Wetlands and How Are They Doing?](#) – Jon B. Marshack, California Water Quality Monitoring Council

9:40 – 10:00 [California Results from the National Wetland Condition Assessment \(NWCA\)](#) – Cara Clark, Moss Landing Marine Laboratories

10:00 – 10:20 [The California Freshwater Species Database](#) – Jeanette Howard, The Nature Conservancy

10:20 – 10:45 **Break**

10:45 - 11:05 [Update on Recent Work on the Aquatic & Environmental Toxicity of Cyanotoxins](#) – Kim Ward, SWRCB and Johanna Weston, SWRCB

11:05 – 11:25 [Benthic Cyanotoxin Production in California Streams](#) – Betty Fetscher, SCCWRP

11:25 – 11:45 [Cyanotoxin Production in Northern California’s Eel River](#) – Keith Bouma-Gregson, University of California, Berkeley

11:45 – 12:00 [Cyanotoxin Laboratory Analysis Update from the WPCL](#) – *Dan Orr, CDFW Water Pollution Control Laboratory*

12:00 – 1:00 **Lunch (on your own)**

1:00 – 1:20 [Integrating Physical Habitat Data into Bioassessment: a Case Study](#) – *Rachel Durben and Jeff Lauder, Sierra Streams Institute, Nevada City*

1:20 - 1:50 [Results from Twelve Years Assessing the Condition of the Malibu Creek Watershed](#) – *Katherine Pease, Heal the Bay*

1:50 – 2:10 [New Tools and Videos from the SWRCB Clean Water Team](#) – *Erick Burres, SWRCB*

Special Student Presentation Session

2:10 – 2:30 [Bioassessment of Stream Health in the Santa Ana Watershed using Geographic Weighted Regression](#) - *Ian Nelson, CSU Long Beach*

2:30 – 2:50 [Trophic Subsidy from the Mainstem to Tributaries by Migratory Mayflies is Strengthened by Mainstem Thermal Variations](#) – *Hiromi Uno, UC Berkeley*

2:50 – 3:10 [Effects of River-Flow Regulation on Anuran Occupancy and Abundance in Riparian Zones](#) - *Evan Eskew, UC Davis*

Student Poster Presentations

Andrea Dockham, Humboldt State University - Comparison of benthic invertebrate community structure and diet composition of steelhead trout (*Oncorhynchus mykiss*) in Dry Creek, Sonoma County, California

Shelley Pneh, UC Berkeley - Emergence timing of aquatic insects in the South Fork Eel River

3:30 – 5:00 **Annual Meeting of the California Chapter of the Society for Freshwater Science (CalSFS)**