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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/one_crane_intro_ospr.pdf) – *Dave Crane, Laboratory Program Manager, OSPR Scientific Branch, Rancho Cordova*

9:30 - 10:00 [Update on Developing the Biological Objectives Regulatory Framework](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/two_larsen_cabw_oct_thirteen.pdf) – *Karen Larsen, State Water Resources Control Board (SWRCB), Sacramento*

10:00 - 10:30 [The Healthy Streams Partnership and the California Healthy Watershed](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/three_hsp_cabw_webber.pdf)

[Initiative](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/three_hsp_cabw_webber.pdf) – *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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/four_denton_cabw_thirteen.pdf) – *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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/five_arizona_bioassess_program.pdf) – *Patti*

*Spindler, Arizona DEQ*

11:40 – 12:00 [Update on the College of Bioassessment and Plans for the 2014 Session](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/six_bioassess_college_courses.pdf) –

*Jim Harrington, ABL*

12:00 – 12:20 [CDFW’s New Scientific Collection Permit Process](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/seven_scientific_collect_permits.pdf) – *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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/sevenb_ode_spec_session_intro.pdf) –

*Pete Ode, ABL*

2:10 – 2:40 [Development of Models to Predict Expected Flow in California Streams](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/eight_carlisle_cabw.pdf) – *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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/nine_arizona_tolerance_index.pdf) – *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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/ten_solek_episodic_cabw.pdf) – *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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/eleven_burres_cwt_tools_videos.pdf) – *Erick*

*Burres, SWRCB*

**WEDNESDAY OCTOBER 30 ARC Ballroom, UC Davis Campus**

9:00 – 9: 20 [Management Implications and Analytical Methodology of Cyanobacteria in California](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/twelve_a_ward_cyanotoxin.pdf) – *Kim Ward, SWRCB and David Crane, CDFW OSPR*

9:20 – 9: 40 [Cyanotoxins Discovered in Different Water Body Types Throughout Southern California](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/thirteen_nagoda_cyano_tox_effects.pdf)– *Carey Nagoda and Lilian Busse, San Diego Regional Water Quality Control Board*

9:40 – 10:10 [California’s Bioassessment Program for Depressional Wetlands](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/fourteen_stein_depress_wetlands_mon_prog.pdf) – *Eric*

*Stein, SCCWRP*

10:10 – 10:40 [Developing an Index of Physical Integrity](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/fifteen_mazor_cabw_phab.pdf) – Raphael Mazor, *SCCWRP*

10:40 – 11:00 **Break**

11:00 - 11:20 [Bioassessment of the San Joaquin River: Implications for Chinook Salmon](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/sixteen_san_joaquin_r_restore.pdf)

[Habitat Restoration](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/sixteen_san_joaquin_r_restore.pdf) – 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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/eighteen_sierra_streams_insti.pdf)– 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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/nineteen_new_tool_detect_stress.pdf) – *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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/twenty_environ_impact_mjgrows.pdf)

[Trenches](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/twenty_environ_impact_mjgrows.pdf) – *Scott Bauer, CDFW, Eureka*

1:50 - 2:20 [Plans for Monitoring the Aquatic Effects of Marijuana Cultivation in a Central Valley Watershed](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/twentyone_mj_cult_north_ca.pdf) –*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](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/cabw2013/twentytwo_mj_impacts.pdf)– *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)**