

SIXTEENTH ANNUAL MEETING OF THE CALIFORNIA AQUATIC BIOASSESSMENT WORKGROUP

DAVIS, CALIFORNIA
OCTOBER 28 and 29, 2009

MEETING AGENDA

WEDNESDAY OCTOBER 28

ARC Ballroom, UC Davis Campus

- 8:00 - 10:00 **Workshop (Optional) Bioassessment Basics Part I - What it is and How it's Done** – *Jim Harrington, Dan Pickard and Shawn McBride, 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 Products and Surface Water Ambient Monitoring Program \(SWAMP\) Objectives and Recent Accomplishments](#) – *Karen Larsen, State Water Resources Control Board (SWRCB), Sacramento*
- 11:00 - 11:40 [Development and Implementation of Biological Objectives for California](#) – *Terry Fleming, U.S. EPA Region 9, San Francisco*
- 11:40 – 12:00 [Using the SoCal IBI to Inform Clean Water Act Impairments](#) – *Alison Lipman, Heal the Bay, Santa Monica*
- 12:00 – 12:30 Discussion on Bioassessment and Water Quality Regulation
- 12:30 - 2:00 Lunch (on your own)**
- 2:00 - 2:30 [Method of Predicting Reference Condition Biota Affects the Performance and Interpretation of Ecological Indices](#) – *Charles Hawkins, Utah State University, Logan*
- 2:30 - 3:00 [Temporal Changes in Fish and Benthic Invertebrate Communities in Streams of the North Central and Northeastern US](#) – *Jason May, Amanda Bell, Jonathan Kennen, Dan Sullivan, and Karen Beaulieu. United State Geologic Survey (USGS)*
- 3:00 - 3:30 [Modeling Biological Stream Condition in Highly Urbanized Southern California](#) – *Larry Brown USGS, Jason May USGS, Andy Rehn ABL, Peter Ode ABL*
- 3:30 - 3:50 **Break**

- 3:50 - 4:10 [San Francisco Bay Area Benthic Index of Biotic Integrity \(B-IBI\) - Status and Lessons Learned To-date](#) – *Lucy Buchan and Chris Sommers, EOA Inc. and Kevin Lunde, UC Berkeley*
- 4:10 - 4:30 [Macroinvertebrate Response to Biotic and Abiotic Stresses in Freshwater Wetlands of the San Francisco Bay Area](#) – *Kevin B. Lunde, Vincent H. Resh U.C. Berkeley*

THURSDAY OCTOBER 29

ARC Ballroom, UC Davis Campus

- 9:00 - 9:30 [Benthic invertebrate responses to patch and reach scale sediment deposition and the relation of land use and roads to sedimentation](#) – *David Herbst, Scott Roberts, Bruce Medhurst, and Nick Hayden Sierra Nevada Aquatic Research Laboratory, University of California* – [Presentation](#) (37 mins.)
- 9:30 - 10:00 [Using Macroinvertebrates and Other Metrics to Understand Aquatic Health and Suitability for Pacific Salmon](#) - *Patrick Higgins, Kier Associates, Arcata* – [Presentation](#) (21 mins.)
- 10:00 - 10:20 [Update on the Garcia River Watershed Sediment TMDL](#) - *Jonathan Warmerdam, North Coast Regional Water Quality Control Board, Santa Rosa* – [Presentation](#) (24 mins.)
- 10:20 - 10:40 [Aquatic Monitoring in the Garcia River Watershed](#) - *Jennifer Carah, The Nature Conservancy, San Francisco* – [Presentation](#) (14 mins.)
- 10:20 - 10:40 [Use of PHAB Data to Estimate Channel Vulnerability: Example from Dry Creek Watershed](#) – *Lilly Allen and Walker Wieland, Office of Environmental Health Hazard Assessment, Cal/EPA* – [Presentation](#) (11 mins.)
- 10:40 – 11:00 Break**
- 11:00 - 11:20 [Monitoring the Recovery of the San Joaquin River Restoration Project](#) – *Margarita Gordus, DFG, Fresno* – [Presentation](#) (16 mins.)
- 11:20 - 11:40 [Status of Algae Bioassessment Research in Southern California](#) – *Betty Fetscher, SCCWRP, Costa Mesa* – [Presentation](#) (19mins.)
- 11:40 – 12:00 [The Southwest Association of Freshwater Invertebrate Taxonomists \(SAFIT\)](#) – *D. Christopher Rogers, EcoAnalysts, Inc., Davis* – [Presentation](#) (10 mins.)
- 12:00 - 1:00 Lunch (on your own)**
- 1:00 - 2:00 **Workshop (Optional) Bioassessment Basics Part II – Incorporating Bioassessment into Water Resource Management** – *Jim Harrington, ABL*
- 2:00 – 2:30 Discussion on Lessons Learned from the Meeting