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  **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