



May 9, 2008

-Meeting Notice-

CALFED Science Program Workshop:

A Two-Part Discussion on Conveyance Modeling
in support of the Delta Vision Blue Ribbon Task Force

**Workshop 2: Linking Physical and Biological Models for Ecosystem Prediction,
Planning, and Performance**

May 20, 2008
9:00 a.m. – 5:00 p.m.
Bay-Delta Room, 650 Capitol Mall, 5th Floor
Sacramento, CA 95814

This workshop will be webcast:
<http://www.visualwebcaster.com/event.asp?regd=y&id=48473>

Workshop Purpose

The CALFED Science Program is convening two workshops on Delta conveyance modeling in support of the Delta Vision Blue Ribbon Task Force (Task Force), which is crafting a Strategic Plan. The purpose of these workshops is to publicly discuss various Delta conveyance modeling tools, assumptions and other variables, and to provide a facilitated discussion with organizations conducting Delta conveyance modeling.

The first Workshop on Modeling Approaches was held on April 3, 2008. The report from that workshop ([available here](#)) highlighted the inadequacy of our current models in forecasting ecosystem response to changes in conveyance. In response, the Task Force requested that the focus of the second workshop be modified to highlight current efforts to develop reliable computer models linking physical models to ecosystem response.

This workshop will explore approaches to linking hydrodynamic and biological (ecological) models and assess the potential outcomes in an effort to advise the Task Force regarding what approaches might best be used to achieve planning objectives now and in the future. Ron Ott, Science Advisor for the CALFED Science Program will facilitate the workshop.

Workshop Product

The science advisors will provide a technical report to the CALFED Lead Scientist Michael Healey. The Lead Scientist will summarize workshop proceedings for the Delta Vision Blue Ribbon Task Force at its May meeting.

Agenda

Order of agenda and listed times are approximate and subject to change.

9:00 a.m. Welcome and Introduction: Ron Ott

Presentations (proposed):

Using Models to Develop a Long View for the Delta – James Cloern, U.S.G.S.

Hydrodynamic Environment and Phytoplankton Growth – Lisa Lucas, U.S.G.S.

Water Management Scenarios and Clams – Jan Thompson, U.S.G.S.

Individual-Based and Particle-Tracking Models for Estuarine Biota – Wim Kimmerer, S.F.S.U.

How to use hydro-ecological models to design resilient policies: principles and examples, including the Sacramento River Ecological Flows Tool (SacEFT) – David Marmorek, and Clint Alexander, ESSA Technologies, Ltd

12:00 p.m. Lunch

1:00 p.m. Question and Answer Session with Presenters and Science Advisors: Ron Ott

Science Advisors:

Peter Goodwin, University of Idaho, Boise

Pete Smith, U.S.G.S. (emeritus)

Chris Enright, Department of Water Resources

Duncan Patten, Montana State University

Judy Meyer, University of Georgia (emerita)

4:30 p.m. Public Comment

5:00 p.m. Adjourn

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- If you have any questions, please contact Steven Culberson at (916) 445-0584 or stevec@calwater.ca.gov.
 - If you need reasonable accommodation due to a disability, please contact Debbie Mininfield, CALFED Bay-Delta Program at (916) 445-5511, TDD (800) 735-2929.
 - Please allow extra time for parking and federal building security screening procedures. Current photo identification is required for building access. Visitors may bring cameras and cell phones with camera capability into the building ONLY with the prior approval of the CALFED Bay-Delta Program and the Federal Protective Service, and their use in the building will be subject to federal restrictions. Please contact Terry Smith, Security Coordinator for the CALFED Bay-Delta Program, cell (916) 716-1904, office (916) 445-5345 or tsmith@calwater.ca.gov for building access information and camera guidelines.