

 <p><b>SFEI</b>   <b>AQUATIC SCIENCE CENTER</b> 4911 Central Ave Richmond, CA 94804</p>	<p><b>Delta Nutrient Modeling Science Workgroup Meeting</b> June 24, 2015 9:30 AM – 3:30 PM</p>
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**Meeting Location**

UC Davis Center for Watershed Sciences  
First Floor Conference Room  
425 La Rue Road, Davis, CA.

Directions and Parking Information: <https://watershed.ucdavis.edu/about/directions>

**Remote Access Information**

By phone: (415) 655-0381, Access Code 943-326-397#

By computer: <https://join.me/sfei-conf-cw1>, use any browser with Flash. Nothing to download.

On a phone or tablet, launch the [join.me app](#) and enter meeting code: **sfei-conf-cw1**

**AGENDA**

<b>1.</b>	<p><b>Information: Welcome and Basic Housekeeping Information</b> Facility and parking information. Pizza lunch order (cash only) if you did not bring your own lunch</p>	<p>9:30 Phil Trowbridge (SFEI)</p>
<b>2.</b>	<p><b>Information: Introduction, Charge and Meeting Goals</b></p> <ol style="list-style-type: none"> <li>1) Introduce Science Work Group Members and structure of group (roles)</li> <li>2) Overview of the Background, Charge, and Schedule for the Workgroup</li> <li>3) Review Agenda for meeting</li> <li>4) Clarifying questions from the Workgroup</li> </ol> <p>Desired outcome: Shared understanding of why this effort is starting and what the product and timeline will be.</p>	<p>9:40 Chris Foe (Regional Board)</p>
<b>3.</b>	<p><b>Discussion: Review and comment on the nutrient management questions to be addressed by modeling</b></p> <p>Review and comment on the nutrient management questions prepared by the Regional Board, Stakeholders and other work groups to determine whether they can be practicably addressed through modeling (see Table 1 of the Charge for initial list). Modeling questions posed by the other Nutrient Science Workgroups will also be discussed. The other workgroups are preparing white papers on macrophytes, cyanobacteria, and the nutrient forms and ratios.</p> <p>Desired outcome: Feedback and clarification of management questions (including which questions cannot be answered by modeling) and any questions posed by other science workgroup members.</p>	<p>10:10 Mike Deas (WEI)</p>

4	<p><b>Discussion: Refine conceptual models for an integrated nutrient modeling program to answer the management questions</b></p> <p>The Charge document contains two conceptual models that summarize how different model components might work together for integrated modeling and what types of information might be needed to answer management questions. These conceptual models will be critiqued potential improvements documented.</p> <p>Desired outcome: Consensus on a conceptual model or models that is relevant to the workgroup charge.</p>	11:00 Mike Deas (WEI)
5.	<p><b>Discussion: Review and comment on the outline for the white paper</b></p> <p>The Charge document contains an outline for the white paper. In the interest of “starting with the end in mind”, the workgroup will critique and improve this outline.</p> <p>Desired Outcome: Consensus on a draft outline for the white paper.</p>	11:40 Phil Trowbridge (SFEI)
	<p><b>Lunch Break</b></p>	12:00
6.	<p><b>Discussion: Review and comment on the universally important criteria for the Delta nutrient models and the list of available hydrodynamic and water quality models</b></p> <p>The Charge document contains a draft list of the criteria that are expected to be important for hydrodynamic and water quality models for the Delta (see Table 3). There will be specific criteria that are important for answering certain management questions, which will be discussed under agenda item #7. The goal of this discussion is to reach consensus on universally important criteria to help guide further discussion. The group will also review and revise the preliminary list of known hydrodynamic models for the Delta (see Table 2 of the Charge document) and associated water quality models.</p> <p>Desired outcome: Consensus on generally important criteria for Delta nutrient models and the list of available hydrodynamic models for the Delta</p>	12:30 Phil Trowbridge (SFEI)
7.	<p><b>Work Session: Compile information on modeling requirements and available models needed to answer each of the management questions</b></p> <p>The objective of this agenda item is to gather information from the workgroup to populate a table with the following information <u>for each different management question</u>:</p> <ul style="list-style-type: none"> <li>a) the important criteria for a model(s) to inform the specific question;</li> <li>b) the existing hydrodynamic and water quality models that meet or can reasonably be adapted to meet the criteria from step (a);</li> <li>c) the pros and cons of the existing model(s) from step (b); and</li> <li>d) the estimated time and cost to modify existing models or to develop new models to inform the management question.</li> </ul> <p>There are 8 management questions to cover in 90 minutes. Therefore, 10 minutes will be allocated to each question. Action items will be assigned to resolve outstanding issues.</p> <p>Desired outcome: Populated table with information on modeling characteristics for each management question and a list of action items to resolve outstanding items.</p>	1:30 Mike Deas (WEI)

8.	<p><b>Decision: Set date for future meetings and review action items</b></p> <p>Dates are needed for an early August phone call, an early September meeting, and an early October meeting. Action items captured during the meeting will be reviewed for accuracy. The workgroup will also review and comment on the proposed agenda for the future meetings (see pages 6-7 of the Charge document).</p> <p>Desired outcome: Meeting schedule and clear list of action items.</p>	3:00 Phil Trowbridge (SFEI)
9.	<p><b>Discussion: Plus/Delta</b></p> <p>The Plus/Delta discussion is an opportunity for meeting participants to talk about what was helpful in the meeting (a “plus”) and what might be changed to improve the next meeting (a “delta”).</p>	3:20 Mike Deas (WEI)
10.	<b>Adjourn</b>	3:30