

Dec 20, 2004

CALIFORNIA WATER AND ENVIRONMENTAL MODELING FORUM

MINUTES OF THE STEERING COMMITTEE

For December 3, 2004

(This meeting was held at the CH2M-Hill Office in Sacramento.)

I. SUMMARY

A. ACTION ITEMS

1. **IEP Poster Session** – Rich will check to see if the Thursday evening Asilomar IEP poster session can also be presented on Wednesday evening, so CWEMF members can see it.
2. **CALSIM Sessions** – Lloyd will check and see if two sessions will be possible at Asilomar.
3. **Biological or Restoration Modeling** – Tara and Derek will check if possible with Zack for a session at Asilomar.
4. **Dissolved Organic Carbon Workshop** – Lisa Holm will email info. on a CBDA workshop on dissolved organic carbon in the Delta.

B. MOTIONS PASSED OR TABLED –

1. Approved submitting a funding proposal to CBDA (CALFED) for coordinating their modeling efforts.
2. Approved submitting a funding proposal to CBDA for long-term model and data management and development.

C. REFERENCES HANDED OUT

1. Executive Directors Report
 2. Strategic Analysis Framework Initiative (Summary, pages 1-2 of packet)
 3. Strategic Analysis Framework Initiative (Proposal, pages 3-18 of packet)
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II. MINUTES

1. **INTRODUCTIONS AND WELCOME** – The meeting was opened with 11 persons in attendance, and 2 proxies held. A quorum was declared.
2. **SECRETARY'S REPORT** – The minutes for the September 17, 2004 meeting were approved.

3. **TREASURER'S REPORT** – There is currently \$33,970 in the peer review account, and \$23,400 in the general account. This is divided up between two banks, with \$15,265 at River City Bank and \$42,110 at Sterling Bank.

4. **EXECUTIVE DIRECTORS REPORT** – Our website has been updated. An evaluation form for use at future workshops and Asilomar sessions has been added to the website. Increased web capability has been added. The new CWEMF brochure and business cards have been printed and are available to hand out at future workshops and other gatherings. The ED's other comments are feathered into the topics below, to keep all like comments together.

5. **2005 ANNUAL MEETING** –

a. **General** - We were greeted with the good news that the CWEMF and the IEP will get to meet together at the annual meeting at Asilomar. There will be a two-day overlap between the two organizations, with CWEMF meeting on Tuesday-Thursday and IEP meeting on Wednesday – Friday. The CWEMF has 42 accommodation rooms reserved.

b. **Theme** – Several items were suggested as themes for this years meeting, and the following was selected:

- Water Modeling to Support Future Decision Making (Some tie-in with the Texas Water Plan was mentioned)

c. **Fee** - \$230 for individual member, and \$180 for organizational member, plus \$45 if want the extra day with IEP.

d. **Tuesday Night** – Our keynote speaker is Ralph Wurbs of Texas A & M. He will spend all three days at Asilomar. Awards and a poster session will be held on Tuesday night. We'll have host bar. (The IEP poster session will be on Thursday night, but Rich will check and see if they can (also) have it on Wednesday night, so CWEMF members who leave Thursday afternoon will have a chance to see.)

e. **IEP's Keynote speaker** – Ed Houde, of Chesapeake Bay Fisheries Institute.

f. **Model User's Group Meetings** – There will be some.

g. **Regular Sessions** –

- (1) Rich has developed the list, and we discussed those. A few of the discussion comments follow. With the possibility of George Basye attending the possibility of a legal session was discussed. Lloyd Peterson will let Rich know about the possibility of two CALSIM sessions. Also possible session for solutions obtained at Rock Slough, including the Ag Drainage model.
- (2) Since we have the IEP overlap, let's try for some biological models or restoration modeling. Possibly Zack could do: Tara and Derek will check. Have Zack as moderator. The Stockton D.O TMDL could also be presented for the overlap, since it deals with dissolved oxygen needed by the anadromous fishery and this would be of interest to IEP. Combine upper SJR (above Friant) with Hetch Hetchy? Other combined topics could be the Salton Sea and Ag Drainage. Consider SJR session on hydrology.

6. Long-Term Water Modeling Planning –

- (a) **General** - There was some discussion on this, under the heading “Strategic Analysis Framework Coordination Group”. Several handouts were presented, and are fairly complex in detail. The CWEMF is interested in pursuing modeling work on this topic. This is a continuation of what the CWEMF has been doing the past year with DWR, but has grown in magnitude. There are three potential phases of work that CWEMF is interested in related to this topic, and these are (1) technical design of a strategic analysis framework; (2) database design & development; and (3) analytical tool technical design and data improvement.
- (b) **Proposals** - The CBDA (CALFED) has \$18 M in “Program Seeking Proposals” (PSP) funding to give out. If the CWEMF wanted to go after a portion of this money for the topics described in (a) above, proposals would have to be written. One question was as to whether the CWEMF wanted the written proposal under its own name. Another question arose as to whose name should be put down as Principal Investigator for a CBDA proposal. There are two tasks that CWEMF is interested in, and these are identified in the top two boxes of page 9 of the ED’s handout. The first task has the title “Strategic Analysis Framework Coordination Group”, and the second task has the title “Long-Term Strategic Analysis Framework Initiative”.

- Jay Lund made the following motion, which was seconded by Tara Smith: **“We (CWEMF Steering Committee) approve submitting a proposal to the CALFED Science PSP to coordinate modeling efforts. A committee of 3-5 people (of the CWEMF Steering Committee) must approve the details of this proposal. The committee will be comprised of K.T. Shum (Chair), Nigel Quinn, Rich Satkowski, Rob Tull, and Jay Lund”**. There was some discussion. A vote on presenting this proposal to CALFED had 10 ayes and 1 abstention. Motion passed.
- Jay Lund made another motion, which was seconded by Rob Tull: **“We (CWEMF Steering Committee) support a proposal to the CALFED Science PSP for long-term model and data management and development. A committee of 3-5 people (of the CWEMF Steering Committee) must approve the details of this proposal. The committee will be comprised of K.T. Shum (Chair), Nigel Quinn, Rich Satkowski, Rob Tull, and Jay Lund”**. There was discussion on the need for a new database, when some exist already. Another discussion was whether this type of effort has already been done. If we make a proposal for some funding, write that we will make attempts to use existing databases. A vote on presenting this proposal to CALFED had 8 ayes, one nay, and 2 abstentions. Motion passed.

7. TECHNICAL WORKSHOPS – SWAMP Workshop: potentially. Maybe Lisa and George.

8. **MODEL USER GROUPS** – We have DSM2, IGSM2, and MIKE Users Groups. The IGSM2 workgroup is growing. There will be a IGSM2 User’s Group meeting at Asilomar.

9. **PEER REVIEW** – The SJR Dissolved Oxygen TMDL model(s) was discussed as a potential review. Possibly a peer review on the data needed for multi-dimensional models use at Stockton. Peer reviews on other topics have been discussed at previous meetings.

10. **OTHER BUSINESS** – CALFED will be having a workshop on Jan. 18 on Dissolved Inorganic Carbon in the Delta, and its conceptual model. Lisa will email details on this workshop.

11. **NEXT MEETING** – Jan. 21, 2005, starting at 9:30 AM. It will be in Davis at DFG’s Yolo Basin Wildlife HQ.

12. **ADJOURN** – 12:30 PM

Respectfully Submitted
George Nichol, Secretary, CWEMF

ATTENDANCE

Nigel Quinn
Rich Satkowski
K.T. Shum
Rob Tull
Lisa Holm
George Nichol
Tara Smith
Lloyd Peterson
Derek Hilts
Jay Lund
John Headlee

UC LBL, Convenor
Executive Director
EBMUD, Vice-Convenor
Past Convenor
Treasurer, CBDA
Secretary, SWRCB
DWR
USBR
USFWS
UCD
USACE

Proxies: John Williams, Hubert Morel-Seytoux