

Minutes
DSM2PWT
November 9, 2001
DWR ESO Cafeteria Conference Room

Attendees

Henry Wong (USBR), KT Shum (CCWD), Pete Smith (USGS), Brad Tom, Kate Le, Chris Enright, Parviz Nader, Bijaya Shrestha (DWR)

Agenda

- I. Agenda comments
- II. Announcements
- III. TOC organization/changes/additions
- IV. Draft final report review
- V. Plan for finishing sections
- VI. Next steps

I. Agenda Comments

The Team agreed that the final document would be an IEP Technical Report. Pete Smith (IEP Management Team representative) suggested that the report be submitted for wide review. We should use the Bay Delta Modeling Forum (BDMF) list for this purpose. In addition, Pete recommended we seek at least two colleague reviews from IEP. Rick Oltmann, Larry Smith, and Nancy Monson were named by the Team as possible reviewers. Comment reports or letters should be included in the appendix of the final report. A list of draft reviewers should also be included in the appendix.

The Team agreed that the audience of the report should be future participants in the next calibration, IEP, the SWRCB, and the BDMF.

II. Announcements

Paul Hutton emailed comments to the group:

- V.1 Before we go final, we may wish to update this to reflect some of the work that Bob Suits has done. We opted against a contract with Ken Tanji.
- V.2 -- Please remove my name from this item. Eli will take the lead for Delta Modeling.
- VI.3 -- Please remove my name from this item. Parviz will take the lead for Delta Modeling.

Chris Enright shared two references recently purchased by Suisun Marsh Planning Section related to calibration/validation of models:

- Model Validation, edited by M.G. Anderson
 - Verification and Validation in Computational Science and Engineering, P.J. Roache
- Both books could be borrowed if anyone is interested.

Chris Enright updated the Team on efforts to improve geometry description in the Suisun Marsh with bathymetry data recently collected by Central District staff. A meeting attended

by Suisun Marsh and Delta Modeling staff was held to discuss and agree on the approach to take for using the CSDP to create and update cross-sections in the Marsh.

III. Document Review

The Team went through the existing draft page by page and discussed what sections are still needed and what the emphasis of those sections should be.

- Pete Smith: “Need for DSM2 PWT”, “Need for New 1D Model..” (Sections II.1 and II.2)
- Pete Smith: “Desirable 1-D hydrodynamics model attributes” (Section III.1)
- Pete Smith, Eli Ateljevich: “Desirable 1-D transport model attributes” (Section III.2)
- Parviz Nader: “1-D models considered (Process conducted by Delta Modeling Section based on desirable attributes)” (Section III.3)
- Parviz Nader : “Description of Delong's 4-Point model and Jobson’s BLTM model” (Section III.4)
- KT Shum, Eli Ateljevich, Paul Hutton Calibration to Surface EC (Section V.2)
(Chris Enright will call Eli Ateljevich to see if he would write the section.)
- Chris Enright: “Stage Data” (Section VI.1)
- KT Shum will write a section tentatively titled “Thoughts on Data”
- Parviz Nader: “DICU data” (Section VI.4)
- Chris Enright: “Salinity Data” (Section VI.3)
- Henry Wong, Parviz Nader: “DSM2 Validation” (Section XI)

IV. Plan for finishing sections

The Team made the following timeline agreements:

1. Complete writing assignments by December 1. Parviz Nader will complete his sections by December 15.

2. All Team members will read the draft document and make editorial comments by December 21