

# CWEMF Asilomar 2005

DSM2 Developments and  
Applications

Abstracts and a link to the presentations can  
be found at:

<http://www.cwemf.org/Asilomar/2005Abstracts.pdf>

*(See Page 6)*

# *Talks*

1- DSM2 Aqueduct Extension (Kyle Winslow, CH2MHill)

DSM2 Hydro and Qual Simulation in California  
Aqueduct and Delta Mendota Canal

Three Year Calibration for flow, stage and EC

Goal: To be used as both a planning and a  
forecasting tool

Funded by State Water Project Contractors

# *Talks*

## 2. Generating Water Quality and Climate Data at DSM2 Boundaries of the Delta (Hari Rajbhandari)

Goal: Develop a data-set needed to simulate DO and temperature in the Delta in a planning mode

Described methodologies used to establish the necessary boundary conditions under hypothetical Delta hydrology.

# *Talks*

## 3. PTM Animations Illustrating the Flexibility of South Delta Permanent Barrier Operations (Bijaya Shrestha)

PTM Tool was used to visually demonstrate the flexibility of South Delta barriers to improve water levels, water quality, circulation, and increase flow in the Stockton Ship Channel.

# *Talks*

## 4. Replacing Unformatted Data Storage Using HDF5 (Tawnly Pranger)

The unformatted tide-file is being replaced with a structured HDF5 file, improving flexibility and access to the data contained within

# *Talks*

## 5. Model Steering (Eli Ateljevich)

Introduced the concept of Model Steering

A new feature in DSM2 (database version) will allow users to express both simple and complex operating strategies.