



California Water and Environmental Modeling Forum

Promoting Excellence and Consensus in Water and Environmental Modeling

P.O. Box 488, Sacramento, CA 95812 ♦ 916-607-0435 ♦ cwemf@cwemf.org ♦ www.cwemf.org

Technical Training Workshop on

Water Quality and Temperature Forecasting with WARMF-SJR

(In cooperation with Systech Water Resources, Inc. and the U.S. Bureau of Reclamation)

Friday, January 23, 2009
9:00 a.m. to 4:00 p.m.

U.S. Bureau of Reclamation,
2800 Cottage Way
Sacramento, California
Free parking available at the rear of the building

Fee: \$50 for CWEMF members; \$100 for non-members; \$20 for students

To register, please e-mail your name, affiliation, phone and membership status to:
Nigel Quinn, CWEMF Past-Convener at nwquinn@lbl.gov.

Once registered, please mail your check, payable to "CWEMF," to the following address:

CWEMF WARMF Forecasting Workshop
P.O. Box 488
Sacramento, CA 95812

Workshop Purpose

The purpose of the training workshop is to introduce participants to the WARMF San Joaquin River model that extends from Friant Dam to the Old River bifurcation in the Delta. The workshop will concentrate on the use of WARMF-SJR as a water quality forecasting tool.

Model Description

The WARMF-SJR model was developed by Systech Water Resources as a decision support system for watershed groups and government agencies for preparation of watershed non-point source TMDLs and to encourage stakeholder-led decision making. The model has been used widely; most recently as a simulation tool in support of the San Joaquin River Dissolved Oxygen TMDL where it assisted scientists interpret field data and test algae date and transport hypotheses. The model can also be used as a forecasting tool to support the concept of basin-wide real-time water quality management that is seen as the most effective way of managing salt and temperature within the San Joaquin River.

Please note that class size is limited and only paid participants are guaranteed a seat at the workshop. If you have questions, please contact Nigel Quinn, the workshop's facilitator, at nwquinn@lbl.gov or (510) 486-7056.