



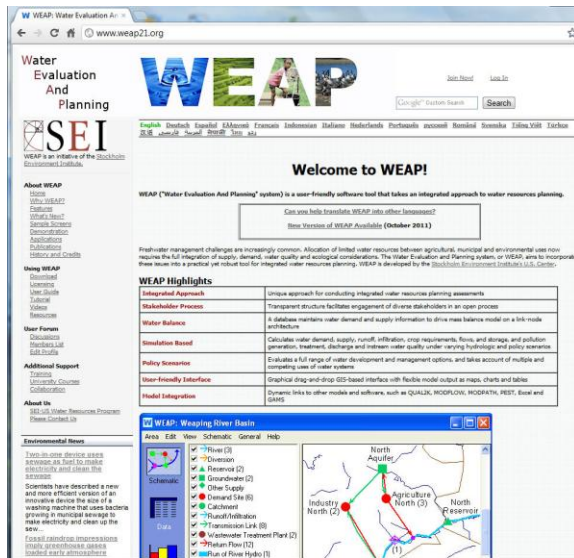
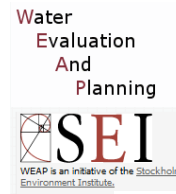
California Water & Environmental Modeling Forum

Promoting Excellence and Consensus in Water and Environmental Modeling

P.O. Box 22529, Sacramento, CA 95822 ♦ cwemf@cwemf.org ♦ www.cwemf.org

Technical Training Workshop: Scenario Modeling, Management, and Planning with WEAP

In cooperation with Stockholm Environment Institute
and the U.S. Bureau of Reclamation



Friday, June 8, 2012 9a.m. to 5p.m.

U.S. Bureau of Reclamation,
2800 Cottage Way Sacramento, California

Free parking 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: **Ben Bray,**
CWEMF Vice-Convener at bbray@ebmud.com

Once registered, please mail your check, payable to
“CWEMF,” to the following address:
CWEMF WEAP Technical Workshop
P.O. Box 22529
Sacramento, CA 95822

Workshop Purpose

Provide an introduction to the WEAP software and how it is being used in California. Participants* will work with hands-on tutorials that illustrate the capabilities of WEAP and learn how the software can be applied to water resources management problems in California.

Model Description

WEAP, a powerful modeling tool implemented to analyze water supply and demand in California.

A few examples...

- WEAP supports the California Water Plan Update.
- Recent WEAP modeling studies investigated potential effects of climate change on runoff and stream temperature in the Sierra Nevada.
- Santa Clara Valley Water District utilizes WEAP to study municipal water supply and demand.
- EBMUD's model EBMUDIM was linked with WEAP for the Water Supply Management Program 2040 for supply and demand portfolio modeling.

WEAP operates on the basic principle of a water balance and can be applied to municipal and agricultural systems, a single watershed or complex river basins. WEAP can simulate a broad range of natural and engineered components of these systems, e.g. rainfall runoff, baseflow and groundwater recharge from precipitation; sectoral demand; water conservation; water rights and allocation priority, reservoir operations; hydropower generation; pollution tracking and water quality; vulnerability assessments; and ecosystem requirements. A financial analysis module also allows cost-benefit comparisons for projects.

WEAP's growing use isn't limited to California, learn more at <http://www.weap21.org>.

Class size is limited and only paid participants are guaranteed a seat. If you have questions, please contact workshop facilitator Ben Bray at bbray@ebmud.com or (510) 287-0206.

***Participants will be expected to bring their own laptops for the model training.**