California Department of Water Resources
Statewide Water Analysis Network

Technical Workshop
on
Water Plan Update 2009 - Scenarios & Initial Model Results of Water Demands

February 11th, 2009
9:00 a.m. – 4:00 p.m.

Location:
Tsakopoulos Library Galleria, East Wing, Sacramento Public Library, 828 I Street, Sacramento, CA 95814

To RSVP, please contact:
Rich Juricich at juricich@water.ca.gov or 916-651-9225

Workshop Purpose

The California Department of Water Resources (DWR) is holding a workshop of the Statewide Water Analysis Network (SWAN) on February 11th, 2009. At this workshop DWR will present narrative scenarios and initial model results for Water Plan Update 2009. The objective of this workshop is to review preliminary WEAP model results and consider ways to present the future scenarios and associated water demands in Update 2009. The focus of the workshop will be on:

- Three narrative scenarios (Current Trends, Blueprint Growth, and Expansive Growth);
- Quantification of important scenario factors/drivers (e.g. future population, land use, and climate change);
- Review preliminary WEAP water demand results at the Hydrologic Region scale for the period 2005-2050 with multiple climate scenarios.
- Consider presentation techniques and graphics to display WEAP results in Update 2009;
- Review status of the more detailed Planning Area scale WEAP model for the Sacramento River and San Joaquin River Hydrologic Regions.

DWR organized SWAN as the primary technical advisory group for the California Water Plan to improve California’s analytical capabilities in support of water management decisions and investments. Improving these analytical capabilities will require significant participation by local, state and federal agencies, consulting firms, and non governmental organizations. SWAN participants will provide feedback on the adequacy of technical methods and content proposed by DWR for Water Plan Update 2009 and the long-term direction of improvements to analytical tools and data used for statewide water planning. For more information about SWAN see http://www.waterplan.water.ca.gov/swan.
Agenda

9:00 a.m.  Welcome, Introductions and Workshop Purpose
Rich Juricich, California Department of Water Resources

9:15 a.m.  Water Plan Quantitative Deliverables and Narrative Scenarios
- The three narrative scenarios: Current Trends, Blueprint growth, and Expansive Growth
- Important scenario drivers: future population, land use, and climate change
Rich Juricich, California Department of Water Resources

10:00 a.m.  WEAP Model Development for Hydrologic Region Water Demands
Mohammed Rayej, California Department of Water Resources

10:45 a.m.  Break

11:00 a.m.  WEAP Model Calibration and Results for Hydrologic Region Water Demands
David Groves, Rand Corporation

11:30 a.m.  WEAP Model Development for the More Detailed Planning Area Analysis
David Yates, National Center for Atmospheric Research

11:55 a.m.  Activities for the Afternoon
Rich Juricich, California Department of Water Resources

After lunch, two-three breakout groups will use real-time model runs to:

- Discuss the Water Plan Narrative Scenarios and Initial Model Results
- Discuss quantitative assumptions in the narrative scenario descriptions
- Test how these assumptions can be reflected in the WEAP model at the broader, hydrologic region scale
- Review the WEAP model results through testing different assumptions/parameters in the model.

12:00 noon  Lunch (on your own)

1:00 p.m.  Instructions for Breakout Groups
-- Overview of WEAP scenario generator
-- Activities for the afternoon

1:15 p.m.  Breakout Groups
-- How can the technical analysis better reflect and display the water plan scenarios?
-- How can the hydrologic region scale model better quantify and display statewide water demand?

3:30 p.m.  Report Outs and Next Steps

4:00 p.m.  Adjourn