



California Department of Water Resources Statewide Water Analysis Network

Technical Workshop on **Regional and Statewide Water Management Responses to an Uncertain Future**

Date
October 8, 2009

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) to solicit feedback on recent studies exploring the effectiveness of regional and statewide water management responses to uncertainties facing California water managers. Studies will be presented that offer different perspectives on how climate change, population growth, droughts and other uncertainties may impact regional water management systems, and operations of the Central Valley Project and State Water Project. The studies to be presented were selected to highlight our current technical capabilities and limitations for describing future uncertainties and to provide decision makers with some insight into the challenges facing water managers. Outcomes from the workshop will help determine study findings to bring to the Water Plan State Agency Steering Committee and Public Advisory Committee for inclusion in Update 2009.

The following studies will be presented:

- **Water Management Lessons for California from Statewide Hydro-economic Modeling using the CALVIN Model**, (Jay R. Lund, Richard E. Howitt, Josué Medellín-Azuara, Marion W. Jenkins. University of California, Davis)
- **CalSim-II Modeling Efforts on Water Resources Challenges and Potential Management Responses and Uncertainties Facing Management of the CVP and SWP** (Francis Chung, Sean Sou, California Department of Water Resources)
- **Regional Water Management Responses using IRPSIM** (Jennifer Nevills, Metropolitan Water District of Southern California)

Agenda

- 9:00 a.m. **Welcome, Introductions and Workshop Purpose**
Rich Juricich, California Department of Water Resources
- 9:15 a.m. **Water Management Lessons for California from Statewide Hydro-economic Modeling using the CALVIN Model,**

Jay R. Lund, Richard E. Howitt, Josué Medellín-Azuara, Marion W. Jenkins.
University of California, Davis
- 9:45 a.m. **CalSim-II Modeling Efforts on Water Resources Challenges and Potential Management Responses and Uncertainties Facing Management of the CVP and SWP**

Francis Chung, Sean Sou, California Department of Water Resources
- 10:15 a.m. **Regional Water Management Responses using IRPSIM**

Jennifer Nevills, Metropolitan Water District of Southern California
- 10:45 a.m. **Break**
- 11:00 a.m. **Discussion**
Rich Juricich, California Department of Water Resources
- We will have group discussion on:
- Capabilities and limitations of the studies presented
 - Areas of needed technical improvement to support decision making
 - What messages are ready to bring to the Water Plan State Agency Steering Committee and Public Advisory Committee for possible inclusion in Update 2009
- 12:00 p.m. **Report Outs and Next Steps**
- 12:30 p.m. **Adjourn**

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>.