

Public Release of CalLite Model Version 2.00 -- A Central Valley Water Resources Management Screening Tool

The California Department of Water Resources and the U.S. Bureau of Reclamation are pleased to announce public release of CalLite model version 2.00 - a Central Valley Water Resources Management Screening Tool. On August 29, 2011, two agencies conducted a technical workshop on the beta version of the model in Sacramento, California. The version being released includes the updates on graphical user interface dashboards, the fixes on the issues, and the improved functionalities in the model.

CalLite 2.00 has been developed using the Water Resources Integrated Modeling System (WRIMS) software. The tool is designed to assist in the screening of a variety of water management options and for use in a variety of stakeholder processes for improved understanding of water system operations and management. The shorter run time (less than 5 minutes) and flexible graphical user interface of this model will meet the public agencies and stakeholder demands for rapid and interactive policy alternatives evaluation tool.

The model is available to agencies staff, stakeholders, and any private entities. The model includes the following options: (1) Existing and Future land use conditions; (2) Sea Level Rise options; (3) pre and user defined water Demands options; (4) Regulations – State Water Resources Control Board (SWRCB) Decision-1641, Biological Opinions - Reasonable and Prudent Alternatives , SWRCB flow objectives, and other user defined regulations; (5) water resources system operations.

The CalLite model is posted on the following website to download:
<http://baydeltaoffice.water.ca.gov/modeling/hydrology/CalLite/index.cfm>.

The website provides model documentation and instructions on how to install the model. If you have any questions, please contact Nazrul Islam, Senior Engineer, Bay Delta Office, California Department of Water Resources, at nislam@water.ca.gov or 916-653-8727.