



1416 Ninth Street, Suite 1155  
Sacramento, California 95814

(916) 657-2666  
FAX (916) 654-9780  
<http://calfed.ca.gov>

**Notice of Public Meeting**  
**CALFED Bay-Delta Science Program Workshop**  
**Planning for Hydrologic Change in California: United States Geological Survey**  
**Scenarios for Delta Water Resources through the 21st Century**

**Meeting Date and Location:** February 6, 2003, 8:00am – 5:00pm  
Sheraton Grand Sacramento Hotel, Camellia Room  
1230 J Street, Sacramento, CA 95814

**Purpose of Public Meeting:**

The workshop will provide a forum for information exchange between scientists and stakeholders sharing a common interest in future changes in California's hydrology and the impacts of those changes on CALFED's objectives related to water quality, levee integrity, and ecosystem restoration in the Sacramento-San Joaquin River Delta. The workshop is a step towards designing a proposed new collaborative research initiative between the U.S. Geological Survey (USGS) and CALFED. The initiative aims to develop scenarios of hydrologic changes driven by potential changes in the climate system, watershed hydrology, sea level, and construction of new within-Delta reservoirs, conveyance facilities, and habitats. The first objective of the workshop is for USGS scientists to describe a general framework for scenario building designed to anticipate responses to prescribed scenarios as changes in: seasonal rainfall and runoff, flood frequency, floodplain hydrology, salinity and water movements in the river-Delta-Bay system, water temperature, sediment loadings and associated changes in Delta-Suisun Bay geomorphology, habitat quality, populations of species of special concern, and fate and effects of contaminants. The second objective is for USGS scientists to solicit feedback from interested parties to (a) assure that proposed new studies complement other agency efforts and ongoing/planned programs to anticipate ecosystem responses to hydrologic change, and (b) assure that specific scenarios of climate, sea level rise, and Delta facilities will address high-priority informational needs of a broad range of stakeholder groups.

In the morning session USGS scientists will present overviews of approaches for anticipating interconnected changes in climate, sea level, land use, hydrology, water quality, hydrodynamics, geomorphology, habitat quality, and population biology. In the afternoon session, members of an invited panel familiar with climate change, water policy, and Delta resource issues will provide information and guidance to the USGS team. Panel-led discussions will identify specific scenarios having high priority and guide design a research program having greatest value to water-resources managers, planners, and policy makers. All sessions of the meeting are open for public observation and members of the public will be given an opportunity to ask questions and provide comments.

**Background:**

With support from the USGS Place-Base Program, a team of scientists (representing disciplines of climatology, hydrology, sediment dynamics, contaminants, hydrodynamics, habitat functions, biogeochemistry, and population biology) has produced a general plan for developing scenarios of response to changes in the forces that influence water supply and quality in the Bay-Delta-river system. Now, this team is asking for guidance to refine this general plan into a coherent and specific program of scenario building. This workshop is an important step towards designing a detailed workplan that produces scenarios of greatest value to water managers. USGS aims to identify and answer a core list of management questions that panelists/stakeholders deem crucial and believe require further study through applications of integrated science that link models with existing and new data.

The goal of this meeting is to invite expert feedback in design of a USGS-CALFED research initiative to develop scenarios of potential change to anticipate and plan for future changes in California water supply and its impact on CALFED's management goals. A written summary will be available to workshop participants and the general public upon request.

**For More Information:** *Please forward this to other colleagues, affiliates, associates and staff.*

- Registration for the event is not required. For more information, please contact Kristen Honey at (510) 622-5686 or [kh@rb2.swrcb.ca.gov](mailto:kh@rb2.swrcb.ca.gov).
- The workshop will be recorded. Interested parties not able to attend the workshop should contact Kristen Honey after February 27, 2003, for meeting minutes and/or further information.
- If you need reasonable accommodation due to a disability, please contact Pauline Nevins, CALFED Bay-Delta Authority Science Program at (916) 657-2666, TDD (800) 735-2929.