

## Policy Questions for the California Water Plan Needing Quantitative Information

The following questions were developed as part of Update 2005 of the Water Plan. They highlight the breadth of policy questions that the Update 2005 stakeholders identified as important to be addressed in the Water Plan. They are used to help guide improvements in analytical tools developed to support the Water Plan. These questions might change if stakeholders were asked again, but the issues largely remain the same and are still relevant.

- What are the current water management strategies and uses, what are potential future strategies and uses, and how are these estimated for all sectors (agricultural/environment/urban) and all levels (local, regional, statewide)?
- How does water quality affect water supply management in California and vice versa?
- How does land use affect water management in California?
- How can the sustainable use of water resources be improved?
- How can California identify and fulfill its public trust responsibilities?
- How do water management strategies and policies affect environmental resources?
- What is the effectiveness of water management strategies?
- How are social equity issues affected by different water management strategies?
- What are some of the benefits of and tradeoffs between different water management strategies?
- How does water scarcity affect the economy, the environment and all beneficial uses?
- How much do local agencies, the regions, and the State invest in each water management strategy currently and how much can/should they in the future?
- Who should pay for improvements in local, regional, and statewide water management?
- How do different water management strategies and policies affect crop production?
- What is the remaining useful life and what are the unmet maintenance needs of existing storage and conveyance facilities?
- What are the most pressing local, regional, and statewide water management problems now and in the future and what are potential solutions to the problems?
- How should local agencies, the regions, and the state manage water during multiple year droughts?
- To what extent can local, regional, and statewide water management strategies provide adequate and reliable water of suitable quality for all beneficial uses and sustainable development under current conditions and in the future?
- Where is additional research or policy needed to improve water management?
- What is the groundwater overdraft in California's groundwater basins?
- What is the current local, regional, and statewide surface water and groundwater quality?
- What is the extent of agricultural drainage problems for current and future conditions?
- How is water stored and moved in California's water management system?
- What is the inter-relationship between water management and policies at the local, regional, statewide and federal level?
- How should water be managed in California to help prepare for catastrophic events?
- How will climate change affect water management in the future?
- How should California manage flood events and flood plains?
- How do water management strategies and policies affect hydropower production?