

Concepts for Enhancing Water Plan Update 2013

Prepared for:

California Water Plan Advisory Committee

Prepared by

**California Department of Water Resources
Strategic Water Planning Team**

January 20, 2010

Initiating Update 2013



**Draft Project Management Plan
August 2010**

Building on Update 2009

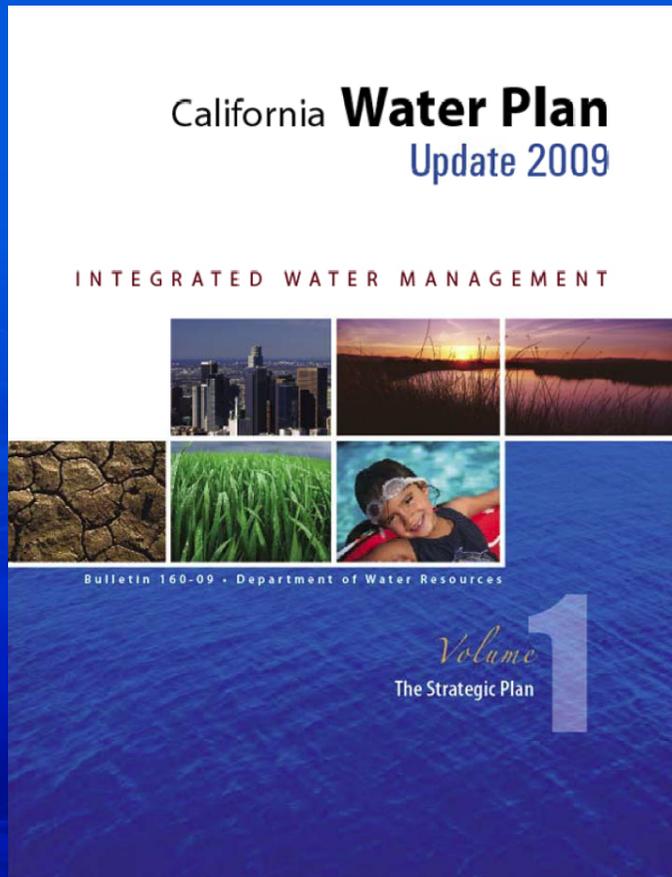


Figure 1-2 Project Organization and Public Process for California Water Plan Update 2009



Building on Update 2009

Implementation Plan: An Urgent Roadmap

Update 2009's implementation plan has 13 objectives that will help us achieve the Water Plan goals. Meeting these objectives, and planning and investing in their 115-plus related actions, will help California deal with a changing climate and other uncertainties and risks, and provide more adaptive and resilient ecosystems and more sustainable water and flood systems.



Numbering of elements in this strategic plan is for ease of reference and does not represent priority

Statements of intent / What and when

1. Expand Integrated Regional Water Management

Promote, improve, and expand Integrated Regional Water Management to create and build on partnerships that are essential for California water resources planning, sustainable watershed and floodplain management, and increasing regional self-sufficiency.

2. Use and Reuse Water More Efficiently

Use water more efficiently with significantly greater water conservation, recycling, and reuse to help meet future water demands and adapt to climate change.

3. Expand Conjunctive Management of Multiple Supplies

Advance and expand conjunctive management of multiple water supply sources with existing and new surface water and groundwater storage to prepare for future droughts, floods, and climate change.

4. Protect Surface Water and Groundwater Quality

Protect and restore surface water and groundwater quality to safeguard public and environmental health and secure California's water supplies for their beneficial uses.

5. Expand Environmental Stewardship

Practice, promote, improve, and expand environmental stewardship to protect and enhance the environment by improving watershed, floodplain, and instream functions and to sustain water and flood management systems.

6. Practice Integrated Flood Management

Promote and practice integrated flood management to provide multiple benefits including better emergency preparedness and response, higher flood protection, more sustainable flood and water management systems, and enhanced floodplain ecosystems.

7. Manage a Sustainable California Delta

Set as co-equal goals a healthy Delta ecosystem and a reliable water supply for California and recognize the Delta as a unique and valued community and ecosystem to promote and practice management for a sustainable California Delta.

8. Prepare Prevention, Response, and Recovery Plans

Prepare prevention, response, and recovery plans for floods, droughts, and catastrophic events to help residents and communities, particularly disadvantaged communities, make decisions that reduce the consequences and recovery time of these events when they occur.

9. Reduce Energy Consumption of Water Systems and Uses

Reduce the energy consumption of water and wastewater management systems by implementing the water-related strategies in AB 32 Scoping Plan to mitigate greenhouse gas emissions.

10. Improve Data & Analysis for Decision-making

Improve and expand monitoring, data management, and analysis to support decision-making in light of uncertainties that support integrated regional water management and flood and water resources management systems.

11. Invest in New Water Technology

Identify and fund applied research on emerging water technology to make them attainable and more cost effective.

12. Improve Tribal Water and Natural Resources

Develop Tribal consultation, collaboration, and access to funding for water programs and projects to better sustain Tribal water and natural resources.

13. Ensure Equitable Distribution of Benefits

Increase the participation of small and disadvantaged communities in state processes and programs to achieve fair and equitable distribution of benefits. Consider mitigation of impacts from the implementation of state government programs and policies to provide safe drinking water and wastewater treatment to all California communities and ensure that these programs and policies address the most critical public health threats in disadvantaged communities.



Find details of the Water Plan's objectives and related actions in Volume 1 Chapter 7 Implementation Plan

Comments and Suggestions

- “Parking lot” of issues from Update 2005
- Comments on pre-final draft of Update 2009
- State Steering Committee Issues and Initiatives
- Comment letters and scoping comments from Update 2009
- January 2010 Steering Committee Meeting
- *January 2010 Advisory Committee Meeting*

Update 2013 Preparation Mantra

“ Form ever follows Function. This is the law”

Louis Sullivan, America's First Modern Architect

Shaping & Prioritizing for Update 2013

- *Articulating functions* for work concepts
 - Increase *accountability* for all responsible parties
 - Support and advance IRWM planning by creating Water Plan Updates that are increasingly *practical* and *relevant* to regional initiatives
 - Create *actionable* recommendations that can *readily* be transformed into state policy or investment decisions
 - Expand *holistic* planning approach with additional relevant decision-support drivers or considerations
 - Increase *stakeholder involvement, communication and outreach*

Two Bins of Concepts

- (1) *Potential Course of Work* – Concepts Project Team thinks it may be able to implement during Update 2013 based on additional vetting, prioritization and feasibility
- (2) *Other Recommendations* – Concepts Project Team is considering deferring to subsequent Updates due to one of the following:
- Outside current scope of Water Plan
 - Not implementable – even partially - during Update 2013
 - Insufficient quantitative and/or analytical capabilities
 - Already implemented

Note: Deferred concepts may be discussed and refined during Update 2013

Two Categories of Concepts

- *Technical / Policy*
- *Process*

How to use this table

Recommendations for Enhancing Update 2013 - Working Draft

Guide to Intended Functions: (a) Increase accountability; (b) Support and advance IRWM; (c) Create a framework for recommendations; (d) Expand holistic planning; (e) Increase stakeholder involvement, communication and outreach

ID #	Suggestion/Concept	Intended Function	Notes/Context/Supporting Concepts
<i>Potential Course of Work - Technical and Policy</i>			

ID #	Suggestion/Concept	Intended Function	Reason for Deferral
Other Recommendations			

How to use this table

ID #	Suggestion/Concept	Intended Function	Reason for Deferral
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Sample Concepts

Recommendations for Enhancing Update 2013 - Working Draft

Guide to Intended Functions: (a) Increase accountability; (b) Support and advance IRWM; (c) Create “actionable” recommendations; (d) Expand holistic planning; (e) Increase stakeholder involvement, communication and outreach

ID #	Suggestion/Concept	Intended Function	Notes/Context/Supporting Concepts
Potential Course of Work - Technical and Policy			
5	Enhance interdisciplinary collaboration and integration of technical disciplines and analysis	b, c, d	Common analytical assumptions, methods and reporting of benefits across all RMS'; traditional and tribal knowledge; Application of Shared Vision Planning to link collaboration and use of analytical tools for decision support <i>See Vol. 1; Chap. 6 of Update 2009</i>

ID #	Suggestion/Concept	Intended Function	Notes/Context/Supporting Concepts
Potential Course of Work - Process			
16	Develop and track Water Plan Measures of Success	a, b, c,	Track and describe implementation of previous updates, how Plan was used

Sample Concepts (Continued)

Recommendations for Enhancing Update 2013 - Working Draft

Guide to Intended Functions: (a) Increase accountability; (b) Support and advance IRWM; (c) Create “actionable” recommendations; (d) Expand holistic planning; (e) Increase stakeholder involvement, communication and outreach

ID #	Suggestion/Concept	Intended Function	Reason for Deferral
Other Recommendations			
26	Design framework to comply with Legislative Water Package	a, b	DWR developing work plan

Requested Feedback

- What would you add, subtract or change about the concepts?
- For your area of interest, help articulate and/or elaborate on technical, policy and process concepts
- Please describe any listed or new concepts that the Project Team should consider adding to *Potential Course of Work*

Desired Outcome

Your top 10 priorities for Update 2013

