California Water Plan Update 2009

We Are Here => Work Plan Recap

1st Plenary Meeting Sacramento
October 22-23, 2007
Topics

- Update 2009 Process Recap
  - Multiple venues
  - Key Activities, Documents & Schedule

- Accomplishments

- Looking Ahead -- the Work Plan

- Intended Outcomes of 1st Plenary Meeting
Update 2009
Process Recap
California Water Plan Update 2009
Process Guide

Public

Advisory Committee
- Communities of Interest
- Statewide Organizations

Regional Forum & Workshops
- Communities of Place
- Local Agencies & Governments

Extended Review Forum
- Interested Public

Collaboration

Water Plan Steering Committee
- State Agencies

Coordination
- Federal Agencies

Consultation
- Tribal Governments

< Plenary >
- Everyone

DWR & Other State Agencies

Multi-Disciplinary Project Team

Work Teams
- Analytical Tools & Data
- Communications Planning
- Environmental Water Facilitation
- Integrated Flood Management
- Land & Water Use
- Resource Management Strategies
- Water Supply & Balance
- Water Quality

Regional Leads
- State staff working with Regional Efforts
- Regional Reports

Statewide Water Analysis Network (SWAN)

Scientists & Engineers

Information Exchange & Data Integration
- Climate Change
- Shared Analytical Tools & Methods
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Key Activities & Documents
1. Evaluate Progress on Update 2005 & Revise the Strategic Plan

- Vision
- Mission
- Goals
- Recommendations
- Implementation Plan
2. Update the Future Scenarios & Develop Response Packages

- **Multiple Future Scenarios**
  - Plausible yet different conditions to plan for uncertainties & risks

- **Response Packages**
  - Different combinations of actions selected from the 25 resource management strategies

- Reduce Water Demand
- Improve Operational Efficiency & Transfers
- Increase Water Supply
- Improve Water Quality
- Resource Stewardship
3. Quantify Climate Change Impacts & Recommend Adaptation Actions

What risks does climate change pose for the management of California’s water resources?
4. Update & Expand 12 Regional Reports

- Build on Update 2005 reports
- Engage regional water planning efforts
- Utilize integrated regional water management plans
- Include regional scenarios and response packages
5. Update Resource Management Strategies

Reduce Water Demand
- Agricultural Water Use Efficiency
- Urban Water Use Efficiency

Improve Operational Efficiency & Transfers
- Conveyance
- System Reoperation
- Water Transfers

Increase Water Supply
- Conjunctive Management & Groundwater Storage
- Desalination – Brackish & Seawater
- Precipitation Enhancement
- Recycled Municipal Water
- Surface Storage – CALFED
- Surface Storage - Regional/Local

Improve Water Quality
- Drinking Water Treatment and Distribution
- Groundwater/Aquifer Remediation
- Matching Quality to Use
- Pollution Prevention
- Urban Runoff Management

Practice Resource Stewardship
- Agricultural Lands Stewardship
- Economic Incentives (Loans, Grants, and Water Pricing)
- Ecosystem Restoration
- Floodplain Management
- Recharge Areas Protection
- Urban Land Use Management
- Water-Dependent Recreation
- Watershed Management

- Water Portfolios
  - Describe hydrologic cycle and historical water conditions with over 80 data categories for water uses, supplies & water quality
7. Improve Analytical Tools, Data & Data Exchange

Goals

- Promote Collaboration
- Facilitate Information Exchange
- Improve Numbers
8. **Incorporate State Companion Plans**

- Water Boards Basin Plans
- FloodSafe Strategic Plan
- Delta Vision & Strategic Plan
- CALTRANS CA Transportation Plan & Regional Blueprint Plans
- CPUC Water Action Plan
- DFG Ecosystem Restoration Plan
- OES Emergency Response Plan
- OPR General Plan Guidelines
- And Others
Dec. 2007 –
Draft Assumptions &
Estimates Report

Dec. 2008 –
Public Review Draft
Final A&E Report

Dec. 2009 –
Final Water Plan
Meeting Schedule for 2007 - 2009

- 9 Advisory Committee Meetings
- 25 - 30 Regional Workshops
- 3 All-Regions Forums
- 10 - 15 SWAN Workshops
- Topical Workshops (as needed)
- 4 Plenary Summits (Everyone)
- 15 – 20 Steering Committee Mtgs
- Tribal Consultation Meetings
- Federal Coordination Meetings
Accomplishments
7-Month Collaboration Statistics
Mar – Sep 2007

Comparison

Update 2005
23,300 person-hours
in 60 months

Update 2009
6,900 person-hours
in 7 months

Statistic
30% of collaboration in
12% of the time

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Does not include Organizational Briefings, Conferences & Plenary
Steering Committee

- Met 5 times since March 2007
- 19 State Agencies are providing policy input, oversight, and program management for Update 2009
- Setting priorities for current and planned work

Work Topics
- Improved networking among members
- Coordinating regional outreach & activities
- Clarifying role of State & Federal Agencies for implementing Recommendation 13 on Tribal Water & Participation
- Ways to leverage State Bond Funds for multiple benefits
- Identified State Companion Plans related to Water Plan
Tribal Consultation & Outreach

- Informed California tribes of Update 2009 launch & Invited tribes to participate

- Convened a Tribal Water Committee to design tribal outreach & Communication Plan
  - Met on October 3 – meets again November 7

- Plan to organize a California Tribal Water Summit during Update 2009
Advisory Committee

- 45 members representing statewide organizations (communities of interest)
- Met in June & August 2007
- Work Topics:
  - Reviewed Update 2005 Strategic Plan elements
  - Ways to incorporate Integrated Flood Management
  - Improving Tribal outreach -- goals and outcomes
  - Reviewed Update 2005 Future Scenarios & offered new factors and themes for Update 2009 Scenarios
  - Overview of Climate Change impacts, TAG & work plan
  - SWAN Role, quantitative deliverables & work plan
Regional Workshops

- Completed 1st of 3 cycles – 10 interactive workshops
- Consolidated input posted on Regional Outreach Webpage
- Designated 4 DWR Regional Leads
  + Regional staffs from State Agencies are attending

Work Topics:
- Regional Outreach approach & participants
- Content & Draft Outline for Regional Reports
- Related Statewide Initiatives (IRWM, FloodSAFE, SWAN)
All Regions Forum

- Annual gathering of delegates from all regions (different locations each year)
- 1st of 3 on Sept. 17-18, 2007 in Ontario, California
- Work Topics:
  - Reviewed work from Summer 07 Regional Workshops
  - How to apply Future Scenarios in regional planning
  - Discussed 25 Resource Management Strategies -- their regional implementation & priorities
Statewide Water Analysis Network (SWAN)

- Held 4 Workshops since December 2006

- Work Topics:
  - Shared Vision Planning approach
  - Conceptual Analytical Framework
    - Unified Modeling Language (UML)
  - SWAN Pilot Studies
  - Case Studies for implementing Future Scenarios
  - Water Portfolios & new Inflow-Outflow method
    - How to describe current water conditions
Looking Ahead

Work Plan Showing Activities, Document Review & Meetings
## Key Activities

<table>
<thead>
<tr>
<th>Key Activities</th>
<th>Strategic Plan</th>
<th>Scenarios</th>
<th>Climate Change</th>
<th>Regional Reports</th>
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*Dates and Agenda for the Summit are being planned. The purpose of the summit is to enable statewide consultation on the Water Plan*
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**Tribal Water Summit**

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Activities covered at the October 2007 Plenary are Strategic Plan, Scenarios, Climate Change, Management Strategies & Response Packages, and Companion Plans.
## Document Review

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Documents & Process Review for *Update 2009*
# Document Review At Plenary Meetings

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Plenary Meeting Outcomes

- Cross-pollinate
  - Share ideas and information among venues

- Thoughtful discussion and feedback to inform Subject Matter Experts as writing begins for Update 2009
  - Sustainability - indicators, metrics & performance measures
  - Water & Energy with Climate Change
  - Themes for Future Scenarios
  - Incorporating Integrated Flood Management
  - The Water Quality dimension
  - Role of State government Companion Plans
  - Updating the Resource Management Strategies
Questions