

Agenda Item 3

Update 2009 Planning Framework

California **Water Plan** Highlights

INTEGRATED WATER MANAGEMENT



Update 2009 • Department of Water Resources

California Water Plan Update 2009

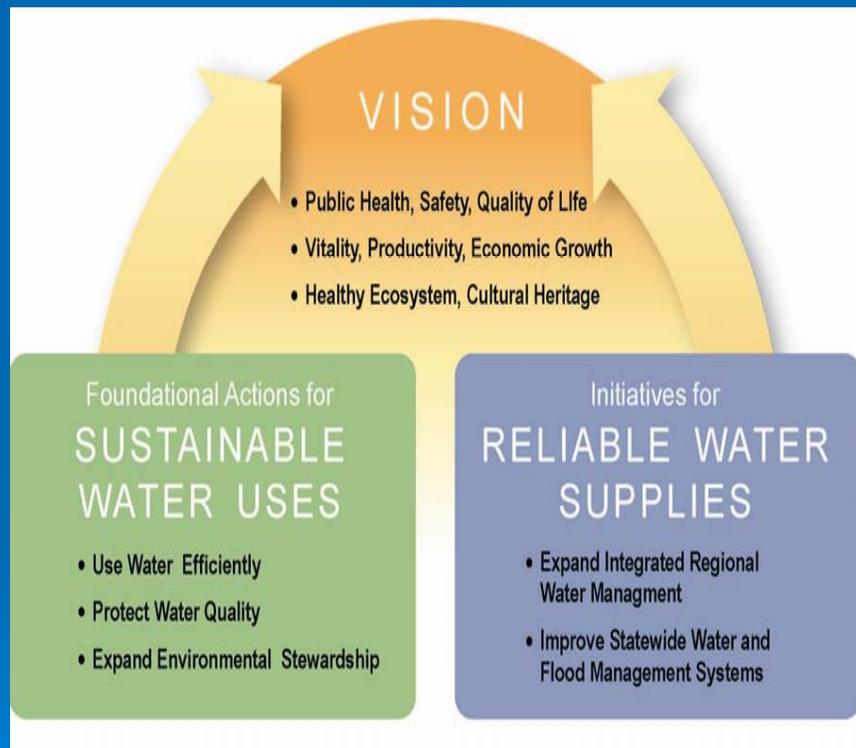
Planning Framework

Regional Workshops
April - May 2009

Public Review Draft

January 14, 2009

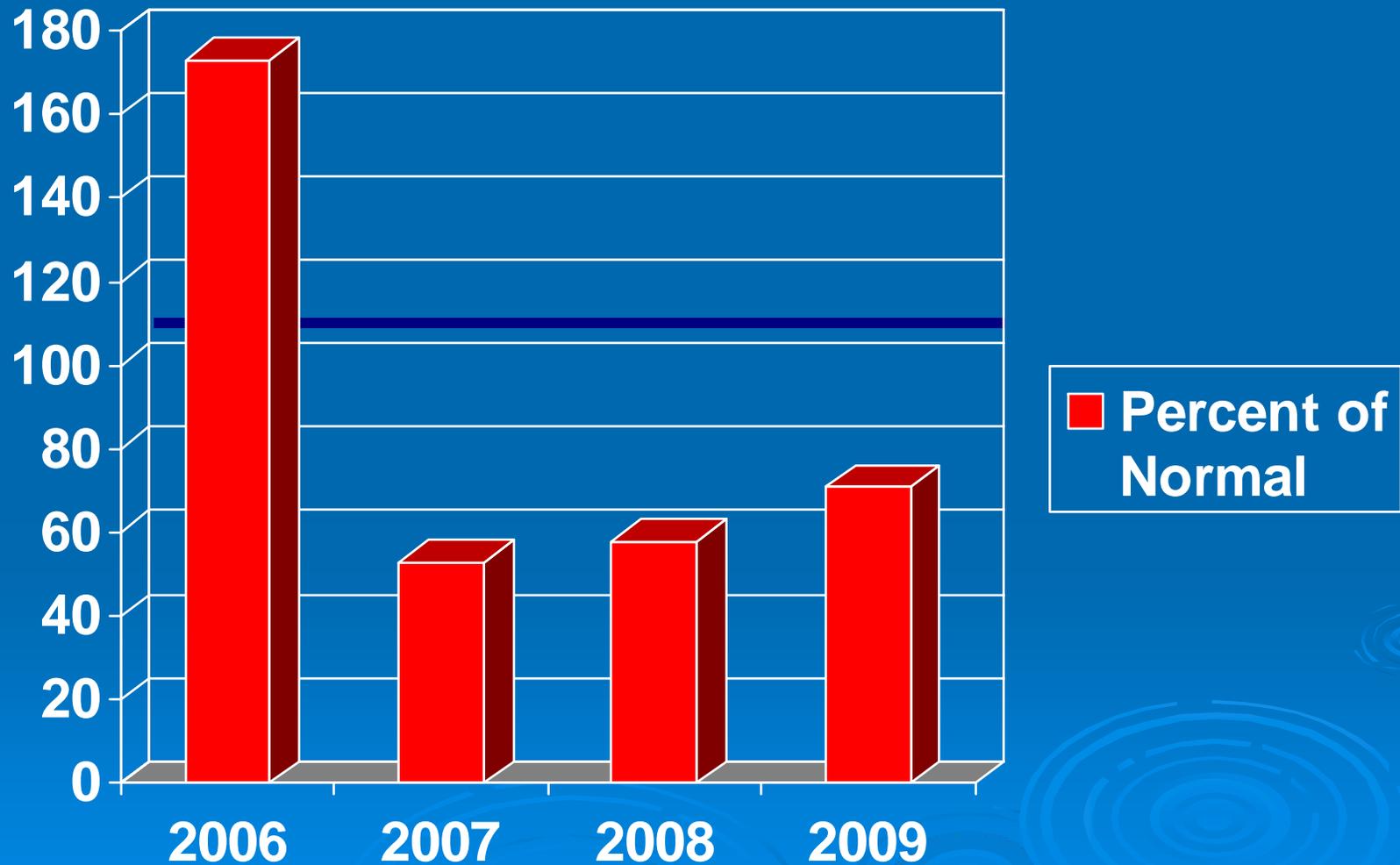
Imperative to Act to Keep Pace w/ Changes



- Population growth
- Shift to permanent crops
- Delta & watersheds in decline
- Climate Change profoundly impacting water systems
- Current water & flood systems aging and challenged by legal remedies & regulatory protections
- Growing economic & societal consequences of declining water reliability and degraded quality of surface & groundwater supplies

Statewide Runoff

(April 1, 2009 projection)



California's Drought

- 2009 third dry year statewide; 8th driest January on record
- Major reservoirs remain very low
- Groundwater basins are depleted
- Early March rain helped, but drought conditions in 2009 projected to be dry for third year



Lake Oroville
2-3-2009

2008 Drought Impacts

- Agricultural losses – more than \$300M
- Local rationing
- Delayed economic development
- Reduced hydropower generation
- Reduced recreation
- Increased wildfire
- Small systems at risk



Drought Response

- Governor's Drought Emergency Proclamation
- Water Conservation
- Drought Water Bank
- Regional transfers
- Expedited State grants
- Public education & outreach

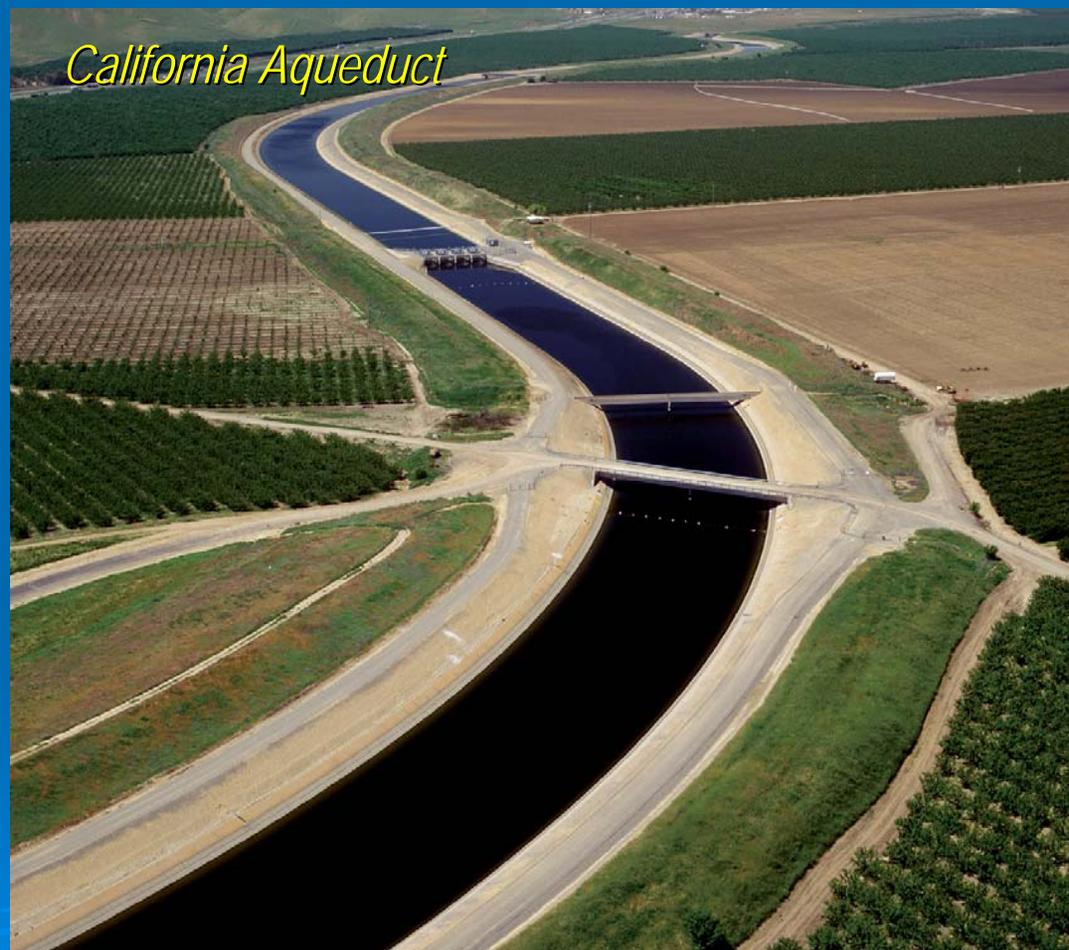


Long Term Actions

- Sustain & increase conservation & reuse
- Diversify regional water portfolios
- Increase conjunctive management & storage
- Manage a sustainable Delta
- Continuous investments

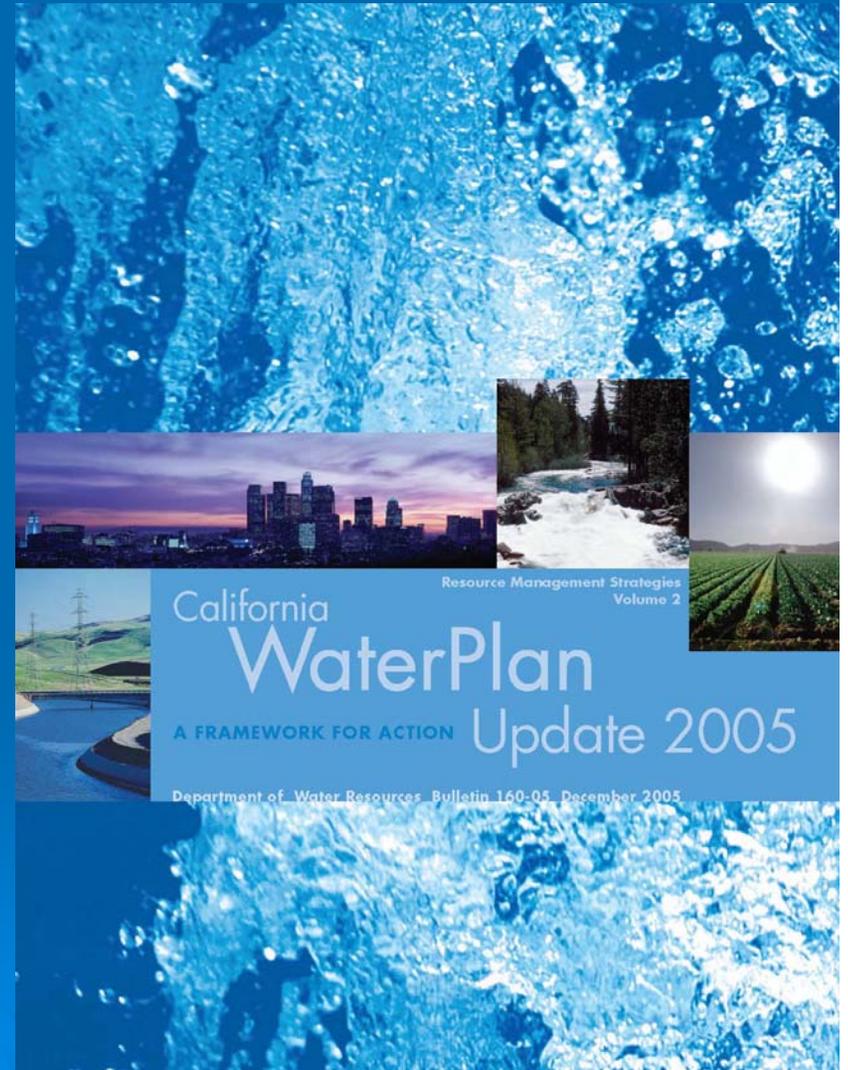
That is:

**Implement the California
Water Plan Update 2009**



The California Water Plan

- First published in 1957 as Bulletin 3
- Updated 8 times (Bulletin 160); last one in 2005
- DWR required by law (Water Code) to update the Water Plan every 5 years; next one in 2009
- Growing interest by Legislature and stakeholders
- Part of Governor's Strategic Growth Initiative



Update 2009 – State's Blueprint Integrated Water Management & Sustainability

VISION

- Public Health, Safety, Quality of Life
- Vitality, Productivity, Economic Growth
- Healthy Ecosystem, Cultural Heritage

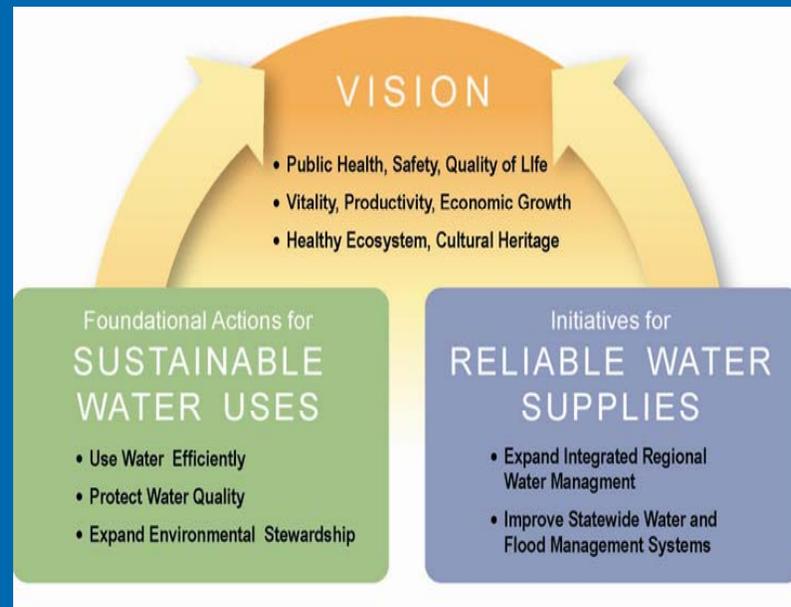
Foundational Actions for SUSTAINABLE WATER USES

- Use Water Efficiently
- Protect Water Quality
- Expand Environmental Stewardship

Initiatives for RELIABLE WATER SUPPLIES

- Expand Integrated Regional Water Management
- Improve Statewide Water and Flood Management Systems

Update 2009 Features



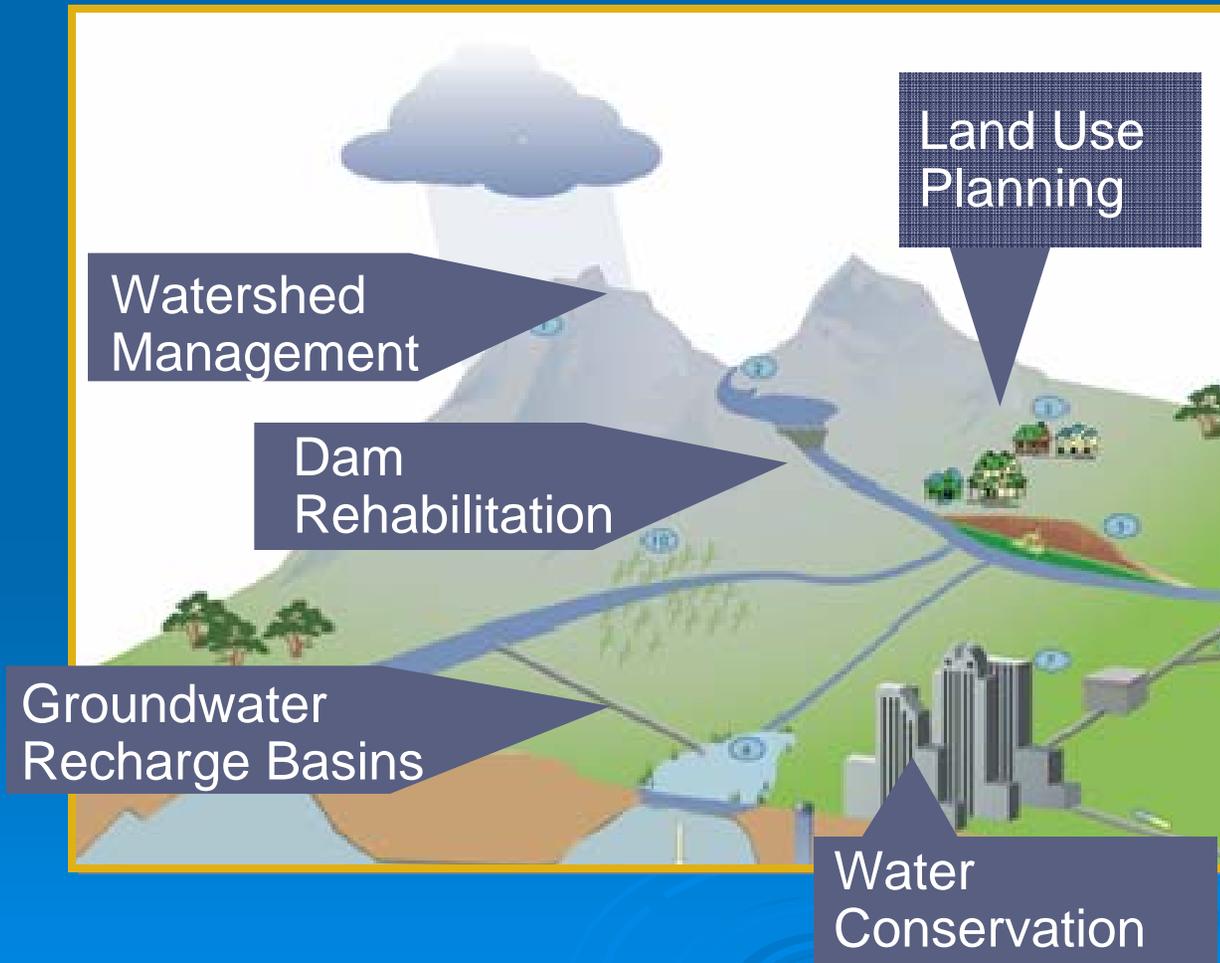
- Provides an investment guide for the water community with an array of strategies to achieve multiple goals & benefits.
- Integrates State government initiatives, objectives & strategies and offers ~100 near- and long-term actions to achieve them.
- Incorporates consideration of uncertainties, risks & resource sustainability into water & flood planning for the future.

Update 2009 Features

- Incorporates strategies for Integrated Flood Management and climate adaptation & mitigation.
- Describes 27 resource management strategies to diversify regional water portfolios & increase regional self-sufficiency.
- Outlines new analytical methods and tools to plan for population growth & development patterns, climate change, economic change, and other uncertainties.
- Updates 12 regional reports.



Integrated Regional Water Management



Watershed Management

- Reduced Siltation
- Water Quality
- Habitat

Dam Rehabilitation

- Flood Protection
- Water Supply
- Fish Passage

Land Use Planning

- Protect Groundwater Recharge Areas

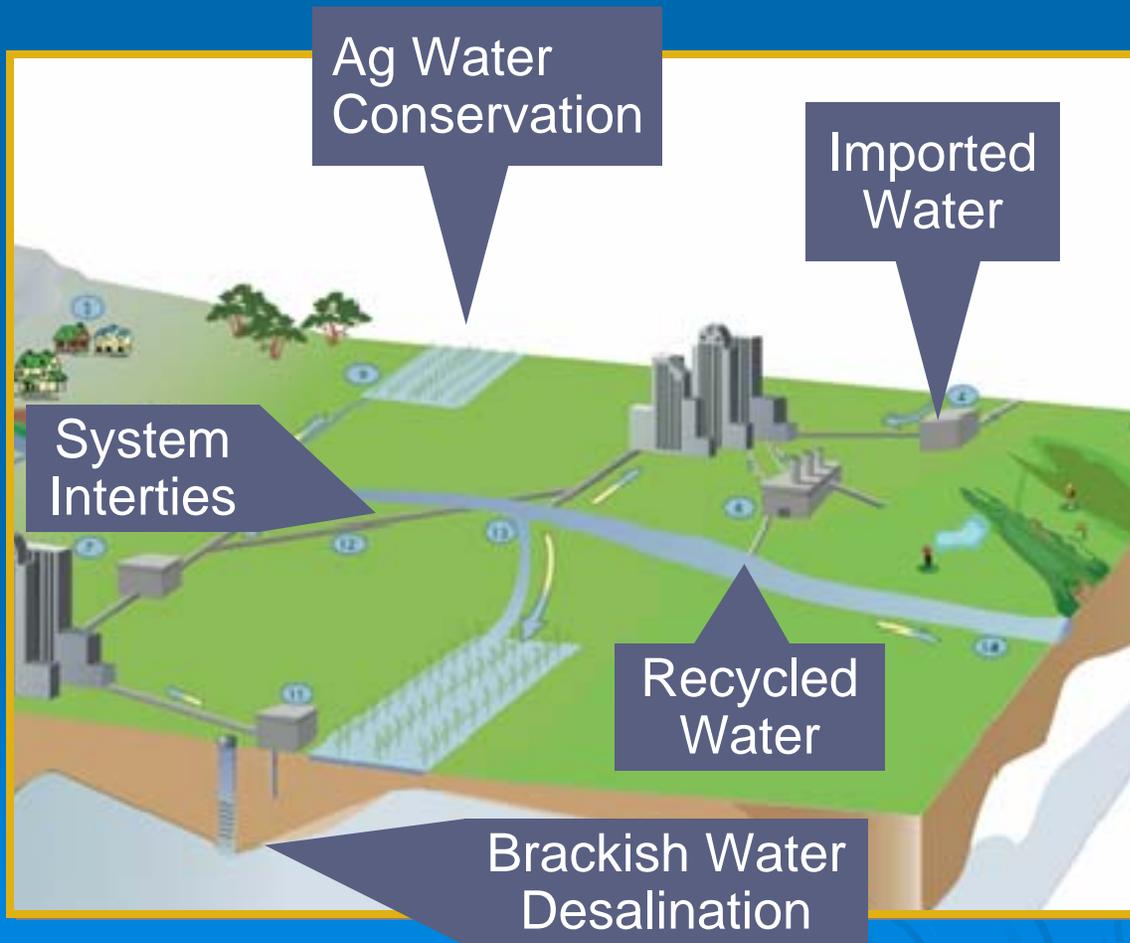
Recharge Basins

- Water Supply & Quality
- Pumping Lifts

Water Conservation

- Reduced demand

Integrated Regional Water Management



Ag Water Conservation

- Reduced Demand
- Reduced Ag Runoff

Imported Water

- Reduced Dependence
- Use when available

System Interties

- Mutual Reliability
- Emergency Readiness

Recycled Water

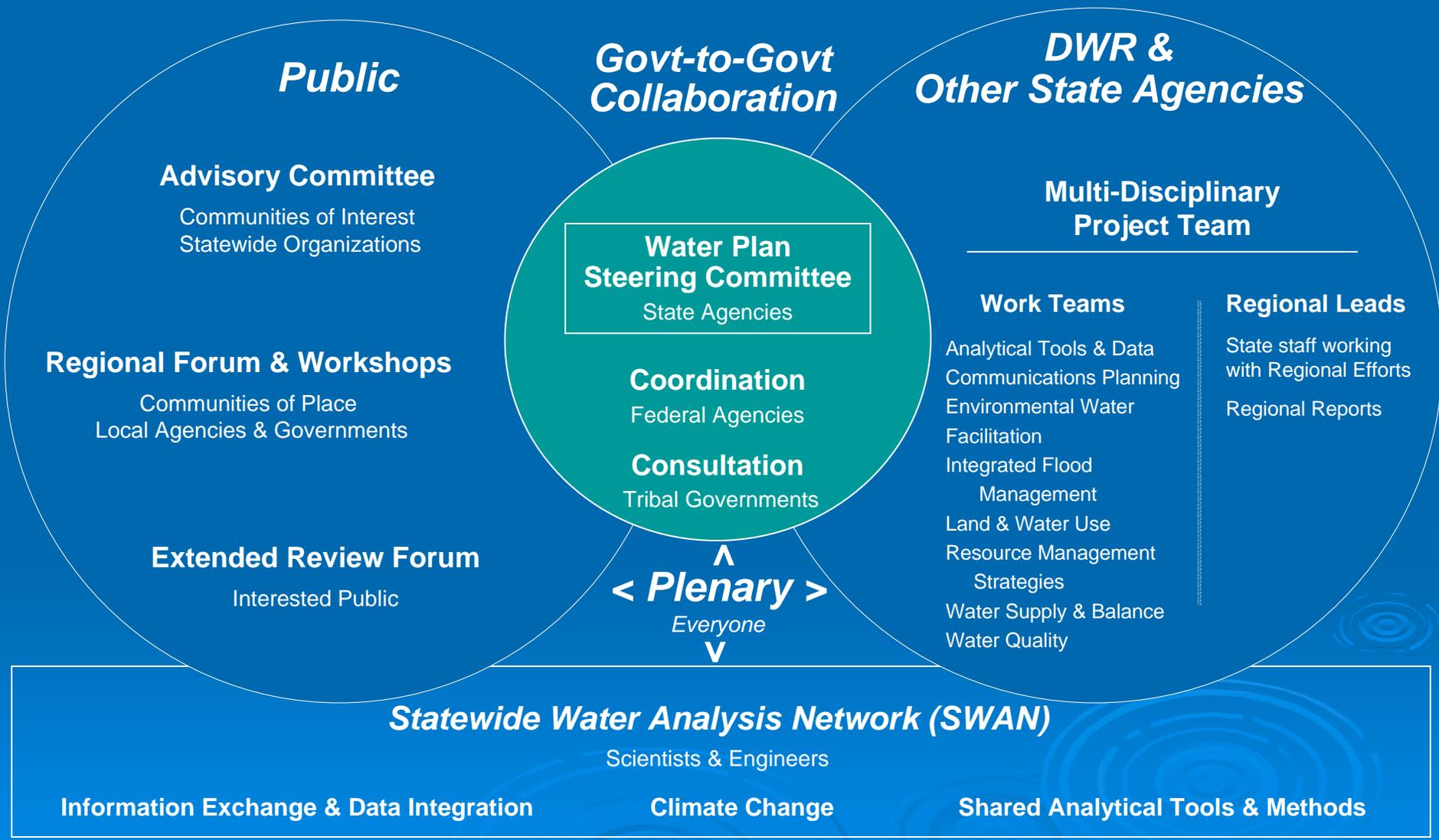
- Water Supply
- Reduced Discharge

Desalination

- Water Supply
- Groundwater Quality

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California Water Plan Update 2009 Process Guide



24-Month Collaboration Statistics

Mar 2007 – February 2009

Comparison w/
Update 2005

87% of collaboration in
40% of the time

Meeting	Number	Person Hours
Steering Committee	11	1073
Advisory Committee	7	4489
Regional Workshops	21	4725
Mgmt Strategy Workshops	31	1575
All-Regions Forum	2	1928
Plenary	2	2586
SWAN Workshops	7	1690
Scenarios Workshops	2	82
Climate Change TAG	3	376
Tribal Communication Committee	12	770
Tribal Water Summit Planning	3	118
Tribal Water Plenary	1	496
Totals	103	20,223

* Not including briefings

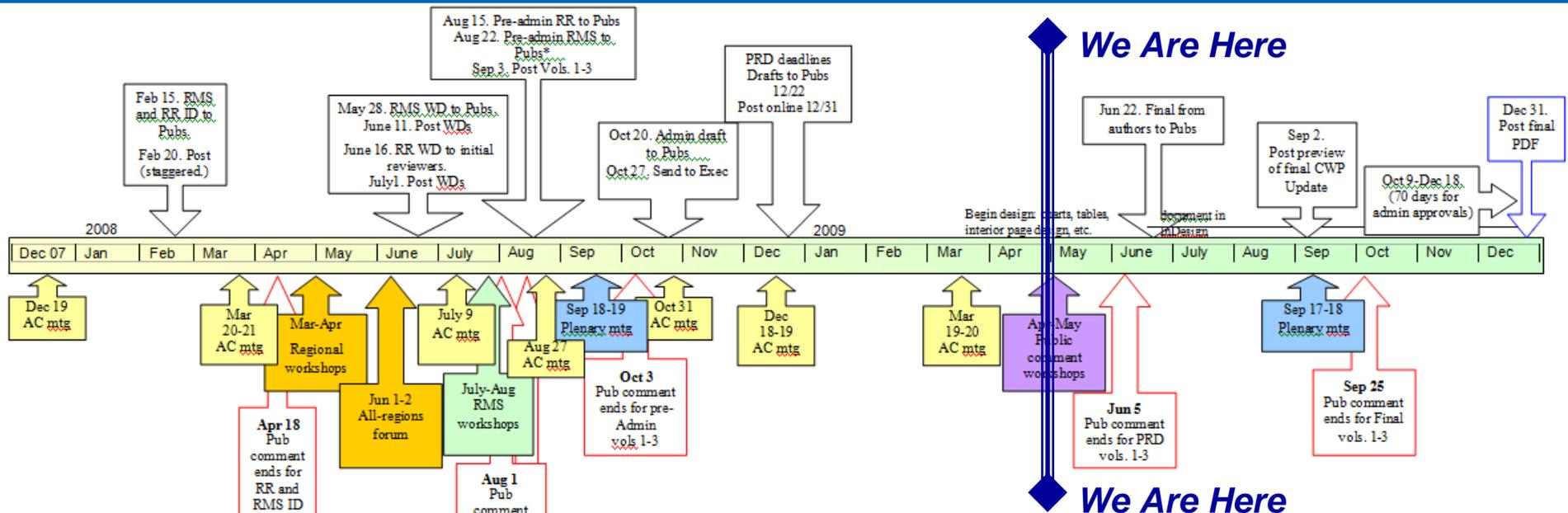
What's Next

Document & Venue Schedule

Documents Above & Venues Below Timeline

2008

2009



Abbreviations

Drafts:

1. ID = initial draft
2. WD = working draft
3. pre-Admin = pre-administrative draft
4. PRD = public review draft
5. Admin = administrative draft
6. Final

Reports

RMS = resource management strategy(ies)
RR = regional report

* For RMS with rescheduled public workshops: Due date to pubs is Sep 3.

Other meetings	2008	2009
Climate Change Technical Advisory Group	May 20, Jul 16, Aug 28	
Scenario workshops	June 11	
Steering Committee	Meets monthly	
SWAN workshop	June 19	
SWAN-CWEMF Shared Vision Planning Workshop	Apr 22	
Tribal Communications Committee	Meets monthly	

Ways to Access Water Plan Information

- Visit the Water Plan Web Portal
www.waterplan.water.ca.gov

California Water Plan 2009
Wednesday's Update Feb. 27, 2008

Subscribe | Comments/Suggestions | Unsubscribe

This weekly electronic newsletter is designed to keep you current on California Water Plan news. We welcome comments, suggestions and any news tips that may be of interest to water planners.

Regional Workshops get under way next week in Southern California

If you plan to attend, please don't forget to RSVP

- Tuesday, March 4, Desert Hot Springs. Meeting materials, including the Initial Draft Regional Report for the Colorado River Region, [can be found here.](#)
- Wednesday, March 5, Apple Valley. Meeting materials, including the Initial Draft Regional Report for the South Lahontan Region, [can be found here.](#)
- Thursday, March 6, San Diego. Meeting materials, including the Initial Draft Regional Report for the South Coast Region, [can be found here.](#)

DWR encourages attendance by the public and representatives of water agencies and associations, local, state, tribal (recognized and non-recognized), federal government, watershed and community groups, and conservancies. Eight more Regional Workshops will be held across the state this year. [You can find more information about them here.](#)

Free Delta Vision workshop to be held in Suisun City

The Water Education Foundation is offering a free Delta Vision Workshop on Friday, March 7, in Suisun City. The free workshop will run from 8:45 a.m. to 5 p.m. and will outline the Delta Vision plan's recommendations and what they mean to you. Not only is the workshop free, organizers are giving all registered attendees a free box lunch. [Learn more here.](#)

DV Blue Ribbon panel will meet tomorrow and Friday

The Delta Vision Blue Ribbon Task Force will meet tomorrow and Friday in West Sacramento to continue developing a strategic plan to implement its vision for the California Delta. The meeting will focus on the Delta as an estuarine ecosystem, water and governance and strategic finance. [Read more.](#)

RAND releases two water management studies

The RAND Corporation has released two studies detailing uncertainties about future water management. The first is "Presenting Uncertainty About Climate Change to Water-Resource Managers: A Summary of Workshops with the Inland Empire Utilities Agency," [find it here.](#) The other report is "Preparing for an Uncertain Future Climate in the Inland Empire: Identifying Robust Water-Management Strategies," [find it here.](#)

Click on links below for more information.

Upcoming Meetings | Water Plan Web site



- Subscribe to Water Plan eNews
a weekly electronic newsletter
www.waterplan.water.ca.gov/enews

California Home | Governor Home | Amber Alert | Thursday, January 22, 2009

Welcome to **California**

DEPARTMENT OF WATER RESOURCES
PLANNING AND LOCAL ASSISTANCE

California Water Plan
Home > Update 2009 - Integrated Water Management

* Products:
Update 2009
Update 2005
Previous Reports
Brochures & Briefings
Water PIR (Data area)

* Subjects:
Analytical Tools
Climate Change
Management Strategies
Regional Reports
Scenarios
Water Quality

* Participation:
Calendar and Materials
Steering Committee
Advisory Committee
Administrative Corner
Regional Outreach
SWAN
Tribal Communication
Contacts and Comments

Public Review Draft
January 2009

Get ADOBE® READER®

HIGHLIGHTS | VOLUME 1 | VOLUME 2 | VOLUME 3 | VOLUME 4 | VOLUME 5 | A&E | Comments | Filter

Important Note:

In the public review draft, we use PLACEHOLDER in the text for two reasons: (1) to indicate tables, figures or boxes that are placed at the end of the chapter, or (2) for items that are still being developed - for example a table or chart that will be added when the needed data are available.

We will hold additional workshops in February and March to supplement the data and analytical information. We will also hold at least 12 regional workshops from mid-April through May to present the public draft as well as new supplemental information and hear public comments in person.

Rollout Schedule

Rollout and Comment Schedule Filer

DWR Aquacast

DWR has been crafting and updating the California Water Plan for 50 years. Join Kamyar Guvelchi, Manager of Statewide Integrated Water Management as he explains how the 2009 update is unique, and how the public can get involved in developing the Water Plan.

Formats: MP3 | Text | 539 kb

Send Comments by June 5

➤ E-mail: cwpcom@water.ca.gov

➤ Fax: 916-651-9289

➤ Postal mail:

Attn: Paul Dabbs

Statewide Water Planning

California Department of Water Resources

PO Box 942836, Sacramento, CA 94236-0001

All comments posted online

California Home Governor Home Amber Alert Friday, February 26, 2009

Welcome to California

DEPARTMENT OF WATER RESOURCES
PLANNING AND LOCAL ASSISTANCE

California Water Plan

Home » Public Comments » California Water Plan Update 2009 Comments

2007 Comments

Date	Received	Author	Organization	Subject	Comment
12182007	12182007	Feiere, John	Southern California Alliance of Publicly Owned Treatment Works (SCAP)	Resource Management Strategies	Letter (pdf, 43 kb)
12082007	12082007	Fryer, Lynn	Kern County Water Agency	Strategic Plan Elements	Email (pdf, 11kb)
12082007	12082007	Hannon, Kathy	Regional Council of Rural Counties	Strategic Plan Elements	Letter (pdf, 48 kb)
12042007	12042007	Kathy, Chris	Department of Forestry and Fire Protection	Strategic Plan Elements	Email (pdf, 81 kb)

2008 Comments

Date	Received	Author	Organization	Subject	Comment
01152008	01152008	Gavin, Estabro	California Association of Realtors	Strategic Plan Elements	Email (pdf, 8 kb)
01052008	01052008	Calaway, Merla	California State Association of Counties	Strategic Plan Elements	Email (pdf, 13 kb)
01052008	01052008	Havke, Jack	California Water Association	Strategic Plan Elements	Email (pdf, 28 kb)
01032008	01032008	Sullivan, John D.	League of Women Voters	Strategic Plan Elements	Document (pdf, 37 kb)
01022008	01022008	Talayan, Susan	The Nature Conservancy	Strategic Plan Elements	Email (pdf, 14 kb)
01022008	01022008	Brown, Chris	California Urban Water Conservation Council	Strategic Plan Elements	Letter (pdf, 16 kb)
02042008	02042008	Forsberg, Paul	California Department of Fish and Game	Strategic Plan Elements	Document (pdf, 38 kb)

www.waterplan.water.ca.gov/comments/update2009/

Questions ?

