

NAME: _____

State of California

**CALIFORNIA WATER PLAN
UPDATE 2013
PUBLIC WORKSHOP
JULY 7, 2010**

WORKBOOK





**CALIFORNIA WATER PLAN, UPDATE 2013
PUBLIC WORKSHOP DRAFT AGENDA
JULY 7, 2010
1:00PM- 4:30PM.
KLAMATH ROOM, CAL EPA BUILDING, 1001 I STREET
SACRAMENTO, CA**

Meeting Goals:

- Summarize the Update 2013 scoping process
- Introduce Update 2013 content
- Encourage participation
- Receive feedback on ways to improve proposals

TIME	CONTENT	PRESENTERS
1:00 PM	WELCOME AND INTRODUCTIONS	Paul Massera, DWR
1:10	OPENING REMARKS	Dale Hoffman-Floerke, DWR
1:15	WHERE WE HAVE BEEN: <ul style="list-style-type: none"> • Update 2009 Recap 	Kamyar Guivetchi, DWR
1:40	UPDATE 2013 CONTENT <ul style="list-style-type: none"> • Core Components • Enhancements • Project Management Overview 	Paul Massera, DWR All
2:45	COLLABORATION PROCESS <ul style="list-style-type: none"> • Steering Committee Participation • Federal and Tribal Involvement • Advisory Committee Participation • SWAN • Caucus Proposal (interest-based, place-based) • Regional Proposal • Other Public Meetings 	Lisa Beutler, CCP
3:45	NEXT STEPS: <ul style="list-style-type: none"> • Convening the Advisory Committee • Draft Advisory Committee Charter 	Lisa Beutler
4:15	CLOSING COMMENTS	Paul Massera
4:30	ADJOURN	

*If you need reasonable accommodations due to a disability,
please contact Kari Fragueta 916-653-8053*

MEETING GROUND RULES

There will be many opportunities for meeting participants to engage group discussion. Participants are asked to subscribe to several key agreements to allow for productive outcomes

USE COMMON CONVERSATIONAL COURTESY

Don't interrupt; use appropriate language, no third party discussions, etc.

ALL IDEAS AND POINTS OF VIEW HAVE VALUE

During our initial meetings you may hear something you do not agree with or you think is "silly" or "wrong." Please remember that the purpose of the forum is to share ideas. All ideas have value in this setting. The goal is to achieve understanding. Simply listen, you do not have to agree, defend or advocate.

HONOR TIME

We have an ambitious agenda, in order to meet our goals it will be important to follow the time guidelines given by the facilitator.

HUMOR IS WELCOME

BUT humor should never be at someone else's expense.

BE COMFORTABLE

Please feel help yourself to refreshments or take personal breaks. If you have other needs please let a facilitator know.

OTHER?

SPELLING DOESN'T COUNT

Research indicates that writing on a vertical surface (like blackboards or flipcharts) actually increases the number of spelling errors.

ELECTRONICS COURTESY

Most of the participants have demanding responsibilities outside of the meeting room. We ask that these responsibilities be left at the door. Your attention is needed for the full meeting. Please turn cell phones, or any other communication item with an on/off switch to "silent." If you do not believe you will be able to participate fully, please discuss your situation with one of the facilitators.

USE THE MICROPHONE

We are in a large room with varying acoustics. Please use a microphone so that others can hear you.

AVOID EDITORIALS

It will be tempting to analyze the motives of others or offer editorial comments. Please talk about YOUR ideas and thoughts.



WORKING IN GROUPS

You will spend most of the meeting working in groups. As a group you will be asked to analyze or develop ideas, keep track of the issues you develop then make a report to the larger group. Each group will need:

Facilitators/ Leaders: DWR Staff or Facilitators will be available to work with most of the groups. In the event a staff is not available, one or more members should ensure that the group stays with the assigned task and that all participants have an opportunity to share ideas. This person and all group members should ensure use of the ground rules.



Recorder: Ideas will be shared on flipcharts. Information from the charts will be used to make reports AND used later to transcribe the proceedings of the meeting. Ask the staff if you need help with this. For each set of questions please:

- A. Put Table # and Page # on each sheet
- B. Note the issue being addressed
- C. Prepare Summary Sheet for the reporter

Reporter: Someone will report on behalf of the full group.

- Will summarize table conclusions from Flip Charts
- Should not be a facilitator or staff
- Must speak into microphone
- Limit presentation to time allotted by Large Group Facilitator

Time Keeper: All activities will involve specific blocks of time. In order to complete tasks, one group member needs to keep track of time.

Personal Worksheets: In addition to the group notes, you may wish to make more in-depth individual or organizational comments. Extra workbooks will be available in each group to do this. These may also be turned in at the end of the session. If you are willing to include your name and contact information, it will help the person preparing the notes in the event they have questions.

RECAP: UPDATE 2009

Organization of Document:

- **Water Plan Highlights**
 - CD - Entire Water Plan
 - CD - Tribal Water Summit Proceedings
- **Volume 1: Strategic Plan**
 - California Resources
 - Managing Our Resources
 - Companion State Plans
 - Integrated Data and Analysis
 - Statewide Objectives and Actions
- **Volume 2: 27 Resource Management Strategies**
6 categories:
 - Reduce Water Demand
 - Improve Operational Efficiency and Transfers
 - Increase Water Supply
 - Improve Water Quality
 - Protect Resource Stewardship
 - Improve Flood Management
- **Volume 3: 12 Regional Reports**
- **Volume 4: On-line Reference Guide**
- **Volume 5: Online Technical Guide**

New Themes in Update 2009

- Water Quality
- Flood Management
- Integrated Water Management
- Climate Change

New Content in Update 2009

- State Companion Plans
- 2 New Resource Management Strategies
- Demand Estimates for Three Future Scenarios

New Collaboration for Update 2009

- State Agency Steering Committee
- Tribal Communication Committee
- Tribal Water Summit
- Regional Workshops



UPDATE 2009 APPROACH



- Provides water community with a framework and investment guide
- Integrates 2009 Comprehensive Water Legislation and State government companion plans, initiatives and strategies
- Future scenarios incorporate consideration of uncertainty, risk and resource sustainability into water and flood planning
- Advances strategies for Integrated Flood Management and Climate Change adaptation & mitigation
- Describes 27 resource management strategies to diversify regional water portfolios & increase regional self-sufficiency
- Outlines new IWM analytical methods and tools
- Updates 12 regional reports

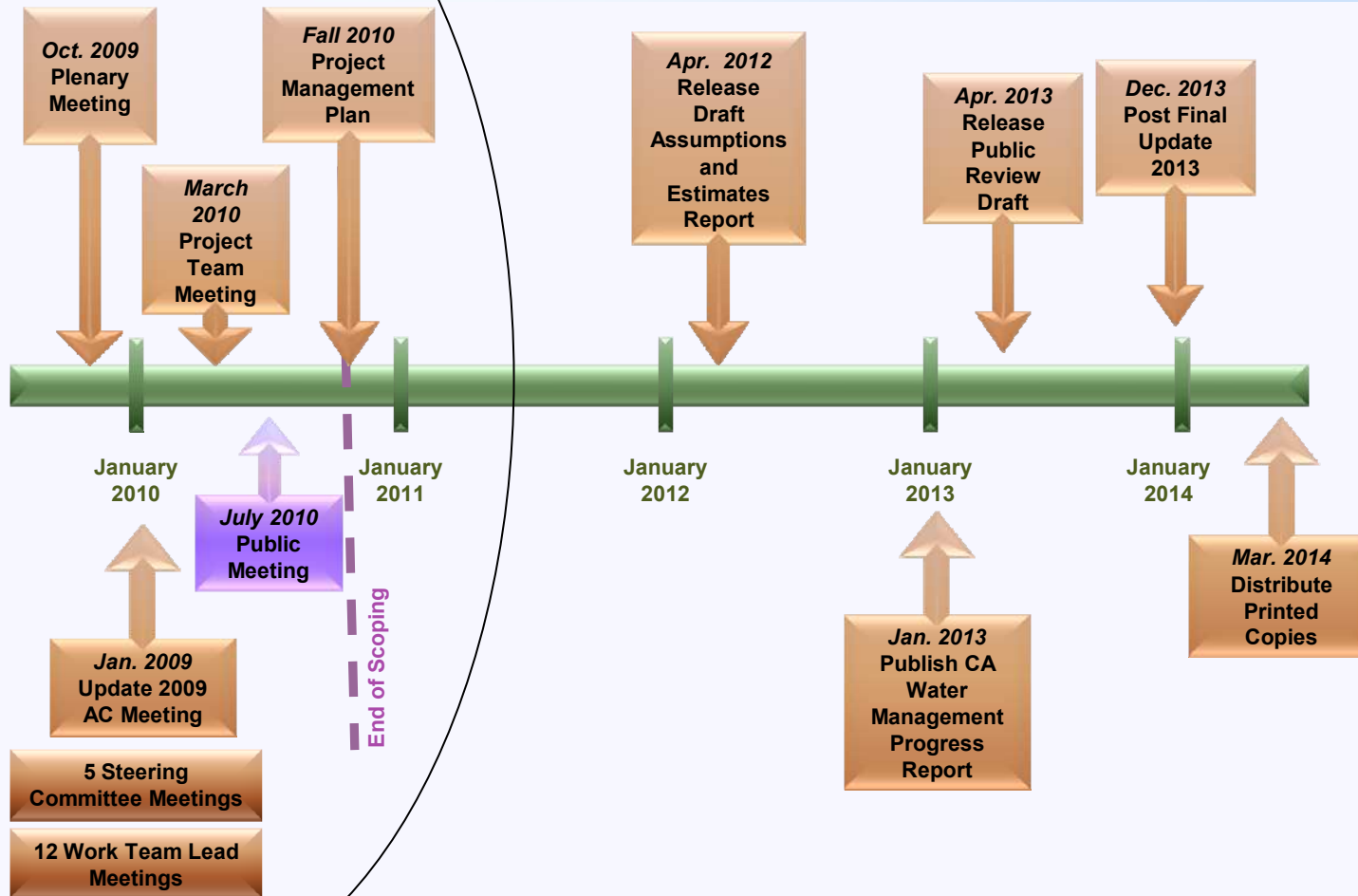
UPDATE 2009 PROCESS

Project Organization and Public Process California Water Plan Update 2009

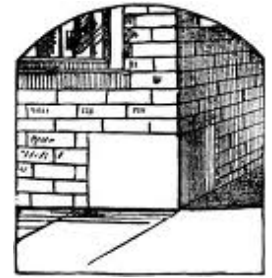


Water Plan Update 2013

Timeline and Major Deliverables



WATER PLAN FOUNDATIONAL COMPONENTS...



Content Components

- Strategic Plan
- Regional Reports
- Future Scenarios
- Resource Management Strategies
- Water Balances and Portfolios
- State Companion Plans
- Reference Guide
- Technical Guide

Process Components (more on this later...)

- Public Advisory Committee
- State Agency Steering Committee
- Tribal Engagement
- Regional Engagement
- Statewide Water Analysis Network (SWAN)
- Plenary Meetings



...AND PLANNED EXPANSIONS



Foundational Component	Purpose	Planned Expansion
Strategic Plan	Provide defensible and actionable decision support through consensus-seeking based on best available information	All improvements and enhancements support this purpose
Regional Reports	<ol style="list-style-type: none"> 1. Make regional reports more central to the Water Plan; 2. Support both regional and statewide resource management values and objectives 	Increase resource management strategy specificity and regional emphasis
Future Scenarios	Accurately reflect emerging conditions, assumptions and programs	New themes, additional data and updated assumptions, more focus on Planning Areas
Resource Management Strategies	<ol style="list-style-type: none"> 1. Make reported benefits additive across RMSs 2. Couple scenarios with response packages to assess trade-offs 3. Report trade-offs in terms of performance measures 	Work through SWAN to implement Shared Vision Planning and analytical tool improvements to capture interrelationships of various RMSs and demand/supply relationships

Foundational Component	Purpose	Planned Expansion
Water Balances and Portfolios	Data Timeliness and Continuity	Complete balances through water year 2010; maintain 3-year (maximum) lag time
Companion State Plans	Increase consistency and efficiency among many State agencies and initiatives	Expand Companion State Planning feature
Reference and Technical Guides	Increase transparency through data sharing and source referencing	Update and release Reference and Technical Guides with “drill down” features; potentially involving Water Planning Information Exchange
Assumptions and Estimates Report	Increase accountability by publically previewing data and assumptions	Update and release Assumptions and Estimates Report one year prior to Public Review Draft

THINKING ABOUT THE 2013 FOUNDATIONAL COMPONENTS, PLEASE DESCRIBE ANY SUGGESTIONS YOU MIGHT HAVE FOR IMPLEMENTATION OF THE EXPANSION.

Comments and Suggestions:



PROPOSED CONTENT ENHANCEMENTS FOR UPDATE 2013



Water Resources

- A. Expand integration of water quality throughout CWP
- B. Continue to integrate flood and water planning
- C. Expand groundwater analysis
- D. Include near-coastal ecosystems and issues

Regional Planning

- E. Expand linkages between land use and water management
- F. Roll up Urban Water Management Plans into regional reports and plans
- G. Create an Economic and Financial Planning work team



Collaboration

- H. Clarify and refine State leadership
- I. Increase federal involvement in Water Plan processes
- J. Continue to work with Tribes and refine Tribal involvement

Data, Metrics and Analysis

- K. Improve data management and sharing
- L. Enhance inter-disciplinary collaboration of technical analysis
- M. Add evaluation metrics and sustainability indicators
- N. Develop and track water management measures of success



Adaptive Management

- O. Revisit concept of environmental water
- P. Implement a “Living Document” approach
- Q. Incorporate shorter planning horizon(s)
- R. Recommend removal of outdated codes and laws

Instruction for worksheets on following pages:

Select three enhancements that are most important to you and answer the following:

1. What issues or considerations should we keep in mind as we work on this enhancement?
2. What resources or references can you suggest that informs the work on this enhancement?

YOU WILL HAVE ____ MINUTES TO COMPLETE THIS SECTION.



ENHANCEMENTS: WATER RESOURCES

Update 2013 Enhancement	Implementation Examples:
A. Expand integration of Water Quality throughout the Water Plan	<ol style="list-style-type: none"> 1. Quantitative/qualitative analysis of water quality trade-offs for RMSs 2. Report on current and future groundwater quality 3. Recommend measures that improve water quality 4. Develop proposal to expand groundwater quality data collection
<i>Considerations</i>	<i>Resources</i>
B. Continue to integrate flood planning and water management into the Water Plan	<ol style="list-style-type: none"> 1. Complete statewide integrated flood management study 2. Identify common policies or investment guidelines 3. Continue integration of flood and water supply modeling tools 4. Quantify flood-water supply management strategy connections
<i>Considerations</i>	<i>Resources</i>
C. Expand groundwater analysis in Water Plan	<ol style="list-style-type: none"> 1. Identify data gaps for the State's groundwater basins 2. Quantify and report on change in storage 3. Integrate groundwater information among various State activities 4. Conduct Pilot Study to demonstrate benefits to groundwater managers 5. Identify & inventory opportunities for conjunctive management.
<i>Considerations</i>	<i>Resources</i>
D. Incorporate near-coastal ecosystems and issues; add relevant State agencies to Steering Committee	<ol style="list-style-type: none"> 1. Expand Water Plan geographical boundaries to include near-coastal interface with: <ul style="list-style-type: none"> - desalination brine disposal - once-through power plant cooling systems - influence of freshwater runoff in near-coastal ocean environments - interface of ocean and freshwater habitats (i.e. anadromous fisheries) 2. Develop new analytical tool capabilities 3. Add relevant State agencies to steering committee
<i>Considerations</i>	<i>Resources</i>



ENHANCEMENTS: REGIONAL PLANNING

Update 2013 Enhancement	Implementation Examples:
E. Expand linkages between -land use and water management	<ol style="list-style-type: none"> 1. Quantify relationship between land use and RMS benefits 2. Identify investment and policy opportunities that mutually benefit cities, counties, municipalities, etc <u>and</u> statewide resource management objectives as articulated in Update 2013
<i>Considerations</i>	<i>Resources</i>
F. Roll up Urban Water Management Plans into regional reports/plans	<ol style="list-style-type: none"> 1. Continue pilot study to determine potential for synchronizing Water Plan water balances with data from UWMP's
<i>Considerations</i>	<i>Resources</i>
G. Create an Economic and Financial Planning work team	<ol style="list-style-type: none"> 1. Develop and report on consumer pricing signals 2. Create and recommend long term funding options 3. Develop implementation strategy for "beneficiary pays" 4. Prepare a plan for achieving long-term economic sustainability 5. Prepare a plan for short-term economic recovery and sustainability 6. Formulate Least-Cost Planning response package(s)
<i>Considerations</i>	<i>Resources</i>



ENHANCEMENTS: COLLABORATION

Update 2013 Enhancement	Implementation Examples:
H. Clarify and refine State leadership	<ol style="list-style-type: none"> 1. Integrate state policies (including sustainability) 2. Support implementation of regional initiatives 3. Advance data integration, sharing and support 4. Administer incentives (Funding, Regulations, etc) 5. Improve interregional water management
Considerations	Resources
I. Increase federal involvement in Water Plan process; add federal companion plans	<ol style="list-style-type: none"> 1. Include federal agencies that have funding, regulatory, operations or water/flood management planning nexus (i.e. USBR, USFWS, NMFS, USACE , etc)
Considerations	Resources
J. Continue to work with Tribes & refine Tribal involvement	<ol style="list-style-type: none"> 1. Create Tribal Advisory Committee 2. Conduct another Tribal Water Summit 3. Develop interagency Tribal communication network 4. Implement three-tier Tribal communication network
Considerations	Resources



ENHANCEMENTS: DATA, METRICS & ANALYSIS

Update 2013 Enhancement	Implementation Examples:
K. Improve data management and sharing	<ol style="list-style-type: none"> 1. Design and implement Water Planning Information Exchange 2. Implement an interactive high-level "gaming" tool that enables the public to learn relationships and interconnectivity of RMSs , scenarios and RMS benefits
Considerations	Resources
L. Enhance interdisciplinary collaboration/integration of technical disciplines and analysis	<ol style="list-style-type: none"> 1. Guidelines for common analytical assumptions and reporting of benefits 2. Inclusion of traditional and Tribal knowledge 3. Application of Shared Vision Planning 4. Expand energy/water nexus
Considerations	Resources
M. Add evaluation metrics and sustainability indicators	<ol style="list-style-type: none"> 1. Apply Sustainable Water Resources Roundtable measures and metrics 2. Include "jobs" and other economic measures
Considerations	Resources
N. Develop and track CA water management measures of success	<ol style="list-style-type: none"> 1. Develop tracking system and annual reporting feature for: <ul style="list-style-type: none"> - Implementation of previous updates - Resource management strategy implementation - Status of grant and loan programs - Impact/benefit of state bond investments - Legislation implementation status and effectiveness - Role and effects of judicial system in water management decision-making - NGO, professional association and other "report cards" <p>Incorporate "Best Places to Thrive", sustainability and/or other quality of life indicators, data and measurements</p>
Considerations	Resources



ENHANCEMENTS: ADAPTIVE MANAGEMENT

Update 2013 Enhancement	Implementation Examples:
H. Estimate Environmental Water “Needs” <i>(beyond regulatory requirements)</i>	<ol style="list-style-type: none"> 1. Report on state of the science behind water-dependant ecosystem functions 2. Develop analytical tools and data required to estimate ecosystem health and plan for sustainability 3. Create and Environmental Planning Work Team
<i>Considerations</i>	<i>Resources</i>
P. Implement a “Living Document” initiative	<ol style="list-style-type: none"> 1. Water Plan User Satisfaction Surveys 2. Interim studies (e.g. Drought Response Plan) 3. Internet-based social media Twitter, Facebook, Wikipedia, blogs
<i>Considerations</i>	<i>Resources</i>
Q. Incorporate shorter planning horizon(s)	<ol style="list-style-type: none"> 1. Platform for addressing drought relief and planning and other activities on a time step shorter than 5 years. 2. Quantify future scenario and response package
<i>Considerations</i>	<i>Resources</i>
R. Recommend removal of outdated codes/laws	<ol style="list-style-type: none"> 1. Coordinate a comprehensive review of legislation, laws and regulations 2. Report on recommendations that have achieved and eluded consensus
<i>Considerations</i>	<i>Resources</i>

UPDATE 2013 PROJECT MANAGEMENT PLAN DIAGRAM

Water Plan Update 2013 Project Management Plan



** RACI diagrams identify roles for who is Responsible, Accountable, or needs to be Consulted or Informed*

Water Plan Update 2013

Content Schedule and Major Milestones

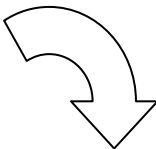
2010	2011	2012	2013	2014
<p>May 2010 Finalize Update 2013 Steering Committee Charter</p> <p>September 2010 Complete Project Management Plan</p> <p>October 2010 Form Update 2013 Advisory Committee</p>	<p>Spring - Summer 2011 Revise Project Management Plan per new administration</p>	<p>April 2012 Release Draft Assumptions and Estimates Report</p>	<p>January 2013 Publish CA Water Management Progress Report</p> <p>April 2013 Release Public Draft</p> <p>August 2013</p> <ul style="list-style-type: none"> • Final water portfolios • Finalize Resource Management Strategies • Complete Regional Reports <p>October 2013 Administrative Draft for Executive Review</p> <p>December 2013 Release Final CWP Update 2013 on Internet</p>	<p>March 2014 Distribute printed copies of Update 2013</p>
<p>Scoping</p>	<p>Content Development</p>		<p>Refinement</p>	<p>Release</p>

UPDATE 2013 COLLABORATION PROCESS PROPOSAL

Project Organization and Public Process California Water Plan Update 2009



Using Update 2009 as a foundation and incorporating participant feedback on that effort, the basic structure for collaboration will remain but with some significant enhancements.

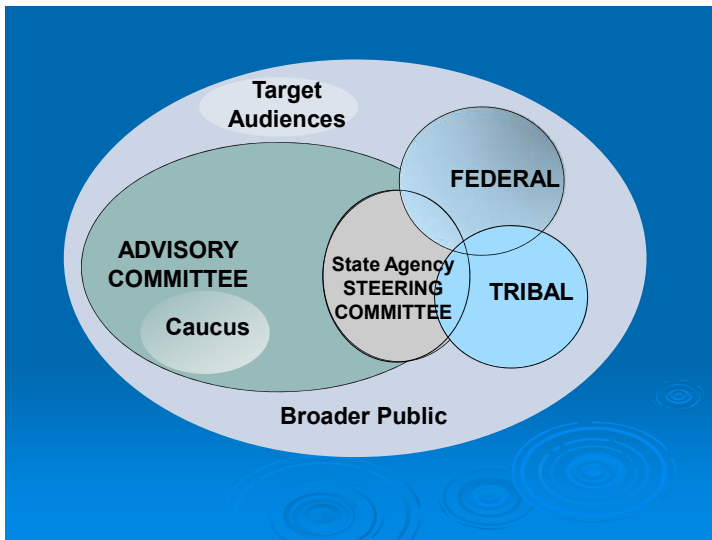
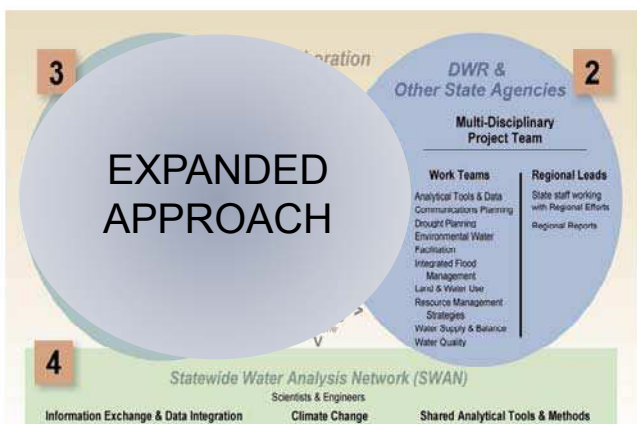


Maintain much of the internal structure of Work Teams with some realignment of specific teams and addition of more personnel from non-DWR agencies.

Continue and enhance work with the State Water Analysis Network (SWAN). Incorporate use of Shared Vision Planning methods in Scenario Development.

Expand public and other agency-government involvement.

Project Organization and Public Process California Water Plan Update 2009



Realign relationships – merge Sections 1 and 3 of the 2009 process.

- New overlapping relationships for a Federal Agency Network, a Tribal Advisory Committee, the State Agency Steering Committee and the Advisory Committee
- Addition of Caucus/Regional structure
- Planned activities for broader public communications & target audiences

UPDATE 2013 COLLABORATION PROCESS PROPOSAL



Re-Chartered ADVISORY COMMITTEE

1. Includes Regional Representation as well as the interest based representation required by Water Code and organizations with a focus on the expanded Water Plan Topics
2. Supported by Interest- and Place-Based caucus structures to provide topical and regional perspectives.

UPDATE 2013 COLLABORATION PROCESS PROPOSAL

CAUCUS STRUCTURE

- Advisory Committee (AC) Members are supported by Interest Based and/or Place Based Regional caucuses and gatherings to receive input about relevant Water Plan Topics
- **Caucuses and gatherings allow direct participation by a greater number of interested stakeholders on topics of specific interest without the demands of longer AC meetings**
- Convened as need and as interest dictates
- **Encouraged to attend Plenary sessions**

**ANNUAL PLENARY
MEETINGS
FOR ALL
PARTICIPANTS
AND PUBLIC**



CAUCUS MEMBERS

- Volunteers
- **Attend 2-4 hour meetings as needed to provide input on specific topics related to the Water Plan**
- Receive communications and other materials similar to AC members
- **Some Caucuses may be more active than others, depending on interest and topics to be discussed**
- Staff and facilitation support

**REGIONAL WORKSHOPS IN
EARLY SPRING 2013
TO RECEIVE
PUBLIC COMMENT**



UPDATE 2013 COLLABORATION PROCESS PROPOSAL

COLLABORATION VENUES

Update 2013 will use a variety of venues to engage stakeholders and interested parties:

- **State Agency Steering Committee (SC)** is comprised of representatives from 21 state agencies, boards, departments and commissions with a statutory and/or policy nexus to the CWP. The SC contributes to more strategic integration of inter-related water topics, as well as respective agency missions and goals.
- **Federal Agency Network** will consist of representatives from federal agencies w responsibilities that significantly interface with water management and planning in California. Members will inform discussions on pertinent issues and policies and contribute to creating a federal companion plans document.
- **Public Advisory Committee (AC)** is comprised of interest-based and/or place-based representatives, AC members will support development and refinement of policy recommendations. The AC is expected to meet on a bi-monthly basis. AC members will also participate in caucus meetings (see next item).
- **Tribal Advisory Committee (TAC)** will be convened based on input from California Native Americans to dialog and bring forward topics and recommendations for:
A) addressing Tribal water issues and coordination with regional and statewide water planning processes, and B) planning the Tribal Water Summit.
- **Interest-based and Place-based Caucuses (Caucuses)** will support AC members. Meetings will be conducted approximately four times a year to consider items of specific interest to the group and allow members to learn more about the collective perspective of like-minded organizations or constituencies. Meetings will use a conference call format and will receive staff and facilitation support.
- **Statewide Water Analysis Network (SWAN)** will review and recommend analytical tools, data, and information exchange methods needed to evaluate future scenarios, current water uses and supplies, climate change impacts and responses, energy-water relationships, environmental water concepts and needs, future supplies and demands, and statewide water data needs and assumptions.
- **Annual Plenary Sessions** conducted on a yearly basis to review and comment on refined proposals from all formal Water Plan stakeholders.
- **Resource Management Strategy (RMS) Workshops** will continue to use the format and approach used for Updates 2005 and 2009 to update the RMSs.
- **Public Comment Workshops** will be conducted throughout the State in early 2013 to share information and receive input for/on the Public Review Draft.
- **Outreach Inventory** will list existing meetings, conferences and other gatherings for which participants would benefit from receiving Water Plan information and/or the participants may be the best individuals to comment or work on Water Plan Topics. This also leverages existing meetings to increase the Water Plan audience.

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COLLABORATION PROPOSAL QUESTIONS

1. WHAT ARE YOUR INITIAL THOUGHTS RELATED TO THE PROPOSAL FOR INTEREST-BASED AND REGIONAL CAUCUS STRUCTURES?

2. IN THINKING ABOUT THE VARIOUS OTHER PROPOSALS FOR COLLABORATION (BELOW) – PLEASE PROVIDE YOUR SUGGESTIONS ON WHAT WE SHOULD KEEP IN MIND AS WE PROCEED:

STATE AGENCY SC
FEDERAL AGENCY NETWORK
PUBLIC ADVISORY COMMITTEE
TRIBAL ADVISORY COMMITTEE
STATEWIDE WATER ANALYSIS NETWORK (SWAN)

ANNUAL PLENARY SESSIONS

RMS WORKSHOPS

PUBLIC COMMENT WORKSHOPS IN 2013

OUTREACH INVENTORY

OUTREACH TO EXPAND WATER PLAN AUDIENCE BEYOND THE WATER COMMUNITY

3. PLEASE PROVIDE ANY OTHER ADVICE YOU HAVE ON IMPROVING THE COLLABORATION PROCESS.