**Workshop Goals:**
2. To introduce the key components of Update 2013, and review the process for developing the plan.

**AGENDA**

<table>
<thead>
<tr>
<th>TIME</th>
<th>ITEM</th>
<th>PRESENTERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00</td>
<td>Welcome and Introductions</td>
<td>Mark Cowin, Director, California Department of Water Resources</td>
</tr>
<tr>
<td></td>
<td>Agenda Review and Meeting Guidelines</td>
<td>Paul Massera, Manager, Strategic Water Planning, DWR</td>
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<td>Stephanie Lucero, Facilitator, Indian Dispute Resolution Services</td>
</tr>
<tr>
<td>10:20</td>
<td>Where We Have Been</td>
<td>Kamyar Guivetchi, Manager, Statewide Integrated Water Resource Management, DWR</td>
</tr>
<tr>
<td></td>
<td>• Update 2009 Recap</td>
<td>ALL</td>
</tr>
<tr>
<td></td>
<td>• Tribal Communication Plan</td>
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<td></td>
<td>• Tribal Water Summit</td>
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<tr>
<td></td>
<td>Questions of Clarification and Comments</td>
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<tr>
<td>10:45</td>
<td>Presentation of the Update 2013 Overview and Collaboration Process</td>
<td>Lew Moeller, Chief, Water Resources Evaluation Section, DWR</td>
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<td>Questions of Clarification and Comments</td>
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<tr>
<td>11:10</td>
<td>Tribal Engagement Proposal Presentation and Discussion</td>
<td>Kamyar Guivetchi, DWR</td>
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<tr>
<td>12:00</td>
<td>LUNCH</td>
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<td>12:45</td>
<td>Tribal Engagement Proposal Discussion continued</td>
<td>ALL</td>
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<tr>
<td>1:30</td>
<td>BREAK</td>
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<tr>
<td>1:40</td>
<td>Update 2013 Content</td>
<td>Paul Massera, DWR</td>
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<tr>
<td></td>
<td>• Core components</td>
<td>ALL</td>
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<td>• Enhancements</td>
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<td></td>
<td>Questions of Clarification and Discussion</td>
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<tr>
<td>2:40</td>
<td>California FloodSAFE and Other DWR Activities Briefing</td>
<td>Michael Mierzwa, California FloodSAFE, DWR</td>
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<tr>
<td>3:20</td>
<td>Next Steps</td>
<td>Paul Massera, DWR</td>
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<td>• Process for submitting comments</td>
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<td>3:30</td>
<td>ADJOURN</td>
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<tr>
<td>3:30-4:00</td>
<td>Travel Reimbursement Forms Available</td>
<td>Virginia Sajac, DWR</td>
</tr>
</tbody>
</table>
WORKSHOP GUIDELINES

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 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.
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**

1. **Public**
   - Advisory Committee: Communities of Interest Statewide Organizations
   - Regional Forum & Workshops: Communities of Place Local Agencies & Governments
   - Extended Review Forum: Interested Public

2. **DWR & Other State Agencies**
   - Multi-Disciplinary Project Team
     - Work Teams:
       - Analytical Tools & Data
       - Communications Planning
       - Drought Planning
       - Environmental Water
       - Facilitation
       - Integrated Flood Management
       - Land & Water Use
       - Resource Management Strategies
       - Water Supply & Balance
       - Water Quality
   - Regional Leads:
     - State staff working with Regions Efforts
     - Regional Reports

3. **Collaboration**
   - Water Plan Steering Committee: State Agencies
   - Seek Input & Advice: Federal Agencies CA Native American Tribes

4. **Statewide Water Analysis Network (SWAN)**
   - Information Exchange & Data Integration: Scientists & Engineers Climate Change Shared Analytical Tools & Methods
**Update 2009 Tribal Engagement**

- Convened a Tribal Communication Committee in late 2007, to advise the Water Plan about how to communicate appropriately with California Native American Tribes
  - Summer 2008 working draft Tribal Communication Plan is a first for State government, and includes guiding principles, goals, and targeted actions
  - The Plan fosters Tribal involvement in the Regional Workshops and Resource Management Strategy workshops
  - The Plan includes the goal of hosting a statewide Tribal Water Summit

- Convened a Tribal Water Summit Planning Team in late 2008
  - Planning Team hosts seven regional meetings around California in early 2009
  - Planning Team includes eight State agency and four federal agency representatives

- On November 4 and 5, 2009, approximately 300 people attend the Summit in Sacramento
  - The Summit includes leaders and representatives from 66 California Native American Tribes, 15 Tribal organizations, 13 State agencies, and 8 federal agencies
  - A detailed Tribal Water Summit Proceedings document is made available online and in hard-copy
  - The Summit discussions are also video-recorded and made available online

- Tribal Water Stories are recorded and shared in two ways
  - Over a dozen water stories are videorecorded at the Summit and made into a video that is available online
  - A sub-committee of the Planning Team publishes a Tribal Water Stories book
**UPDATE 2009, STRATEGIC PLAN OBJECTIVE 12**

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

### Related Actions

1. Everyone involved in the California Water Plan (Water Plan) should share information with California Native American Tribes about how Tribal water issues intersect with water law, planning, and management in California. Intersections include, among other things, water rights, human life and health, fisheries management, water diversions, water storage and conveyance, flood management, water use efficiency, desalination, and climate change.

2. Everyone involved in the Water Plan should share information with California Native American Tribes about how the Tribal water planning, management, and projects of State, local, and federal governments, as well as water purveyors, impact and affect California Native American Tribes.

3. Everyone involved in the Water Plan should share information with California Native American Tribes about State funding that is available for water projects, how California Native American Tribes can apply for the funding, what obstacles they may face in accessing those funds, and how they can influence future funding programs.

4. California Native American Tribes should use the Water Plan as a stepping stone to ensure their representation and genuine participation in water planning processes throughout California, including those linking water to public health, housing, economic development, and environmental justice.

5. California Native American Tribes should build a foundation of knowledge and relationships for developing their own long-term water management plans, as well as participating genuinely in regional and local water planning, including Integrated Regional Water Management plans.

6. California Native American Tribes should shape the content of the Water Plan through a variety of mechanisms, particularly the review of regional reports, resource management strategies, and other materials, and through Tribal and public meetings.

7. California Native American Tribes should build working relationships and partnership with relevant State, local, and federal governments, and water purveyors that are based on mutual respect, fairness, honesty, responsibility, and mutual trust.

8. California Native American Tribes should educate State, local, and federal governments, and water purveyor executives and planners about the historical and ongoing relationships between California Native American Tribes and water, especially cultural and religious practices, including fishing.

9. California Native American Tribes should propose and clarify how DWR works with California Native American Tribes in State water planning efforts.

10. California Native American Tribes should build a foundation of knowledge and relationships for hosting a Tribal Water Summit in 2009 that includes the highest level of decision-makers from State, local, and federal governments, and water purveyors. DWR will place proceedings of this summit in the Water Plan’s Volume 4, the Reference Guide.

11. Indigenous communities should be involved in climate change adaptation actions that will directly impact their people, waterways, cultural resources, or lands.

12. The Tribal Communication Committee, Tribal Summit Planning Team, or an equivalent Tribal forum should advise the 2013 Water Plan Steering Committee on ways to implement these related actions and the recommendations from the 2009 Tribal Water Summit, and should assist in the preparation of subsequent Tribal water summits.
Water Plan Update 2013
Timeline and Major Deliverables
## Water Plan Update 2013

### Content Schedule and Major Milestones

<table>
<thead>
<tr>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
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<tr>
<td>September 2010</td>
<td>Complete Project Management Plan</td>
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<td>October 2010</td>
<td>Form Update 2013 Advisory Committee</td>
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<td>August 2013</td>
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<td></td>
<td>• Final water portfolios</td>
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<td></td>
<td>• Finalize Resource Management Strategies</td>
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<td>• Complete Regional Reports</td>
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<td>October 2013</td>
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<td>Administrative Draft for Executive Review</td>
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<td>December 2013</td>
<td>Release Final CWP Update 2013 on Internet</td>
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</table>

### Key Dates
- **May 2010**: Finalize Update 2013 Steering Committee Charter
- **September 2010**: Complete Project Management Plan
- **October 2010**: Form Update 2013 Advisory Committee
- **Spring - Summer 2011**: Revise Project Management Plan per new administration
- **April 2012**: Release Draft Assumptions and Estimates Report
- **January 2013**: Publish CA Water Management Progress Report
- **April 2013**: Release Public Draft
- **August 2013**: Final water portfolios, Finalize Resource Management Strategies, Complete Regional Reports
- **October 2013**: Administrative Draft for Executive Review
- **December 2013**: Release Final CWP Update 2013 on Internet
- **March 2014**: Distribute printed copies of Update 2013
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.

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 TRIBAL ENGAGEMENT PROPOSAL**

Photos from 2009 Tribal Water Summit

A. Update 2013 proposes several strategies for involving California Native American Tribes, including:

1. A Tribal Advisory Committee
2. Tribal Advisory Committee designated representation on the public Advisory Committee
3. Tribal participation in the Regional Forums
4. Tribal involvement in regular Water Plan meetings, including Resource Management Strategy workshops and the annual Plenary meeting
5. Water Plan presentations and briefings for individual Tribes upon request
6. Representation of the Native American Heritage Commission on the State Agency Steering Committee
7. The voluntary subscription Tribal Communication email listserve

Questions of Clarification and Comments:

Are there other major ways to engage Tribes in Update 2013?
B. The proposed Tribal Advisory Committee will have four main areas of work, including:

1. Review, comment upon, and help develop Water Plan materials, including sharing information and interacting as necessary with the Federal Agency Network, State Agency Steering Committee, public Advisory Committee, and Regional Forums

2. Updating the Tribal Communication Plan

3. Helping State government implement 2009 California Tribal Water Summit recommendations regarding the Water Plan (see reference box)

4. Plan for a future Tribal Water Summit

Questions of Clarification and Comments:

2009 Tribal Water Summit Recommendations regarding Water Plan Content Development

1. DWR should include public domain allotment lands in planning.
2. DWR should work with Tribes to create maps that reflect Tribal lands, hydrologic regions, and recharge areas for potable water, while respecting culturally sensitive information.
3. DWR should include Tribal boundaries and information on Geographic Information System layers used in water planning.
4. DWR should integrate Bulletin 118 on Groundwater with the Water Plan. [DONE]
5. DWR should establish long-term plans for managing groundwater. [DONE]
6. DWR should establish long-term plans for managing flood water and storm water.
7. DWR should emphasize the importance of long-term sustainability for water resources.
8. DWR should develop a new CWP chapter or a separate bulletin describing the status of Tribal water rights and water issues for each Tribe.
9. DWR Water District Bulletin. This document would include maps showing the Tribal lands for each Tribe, size of the Tribe, nature of asserted water rights and proposed or actual use, etc.
UPDATE 2013 TRIBAL ENGAGEMENT PROPOSAL

C. The proposed Tribal Advisory Committee will include delegates from California Native American Tribes and from Tribal organizations.
   o Delegates will comment and make recommendations on Water Plan materials.
   o The meetings will be open to anyone else that is interested in attending, including representatives from public agencies and the Water Plan public Advisory Committee.

D. The proposed Tribal Advisory Committee would seek delegates from the Water Plan’s 10 hydrologic regions and 2 special areas.
   o Delegates would provide formal documentation of their representative role.
   o The Tribes and Tribal organizations will choose the delegates; the Water Plan will not select delegates.
   o Delegates would be required to attend Committee meetings regularly (approximately 4 per year), to participate in Regional Forums, and to share information regularly with Tribes in their region.
   o Delegates would be invited to participate in the different Topic-Based Caucuses.

Question 1: What are the roles and responsibilities that you think your Tribal Advisory Committee members should have?

Question 2: In what ways could this approach to a Tribal Advisory Committee be improved to effectively engage Tribes in Update 2013?
Question 3: How might the Water Plan process ensure good regional representation on the Tribal Advisory Committee?
E. Update 2013 proposes including 2-3 representatives designated by the Tribal Advisory Committee on the public Advisory Committee.

F. Update 2013 proposes an Interagency Tribal Coordination Network for State, federal, and local agencies to share information and coordinate their efforts. This network would build upon, not duplicate, the existing State agency liaison network and other groups.

Questions of Clarification and Comments:
## Foundational Component

<table>
<thead>
<tr>
<th>Foundational Component</th>
<th>Purpose</th>
<th>Planned Expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Strategic Plan</strong></td>
<td>Provide defensible and actionable decision support through consensus-seeking based on best available information</td>
<td>All improvements and enhancements support this purpose</td>
</tr>
</tbody>
</table>
| **Regional Reports**   | 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 (RMS)** | 1. Make reported benefits additive across RMSs  
2. Couple scenarios with response packages to | Work through SWAN to implement Shared Vision Planning and analytical tool improvements to capture interrelationships of |
3. Report trade-offs in terms of performance measures

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

Questions of Clarification and Comments:
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

**Exercise Instructions**

With the people at your table, select **two** enhancements that are most important to you. Read the additional information below for each of your two enhancements. Then for each, answer:

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 have **20 minutes to complete your discussions.** If you finish early, choose a third enhancement.
### Enhancements: Water Resources

#### Update 2013 Enhancement

<table>
<thead>
<tr>
<th>Enhancements: Water Resources</th>
<th>Implementation Examples:</th>
</tr>
</thead>
</table>
| **A. Expand integration of Water Quality throughout the Water Plan** | 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 |
| **Considerations** | **Resources** |
| **B. Continue to integrate flood planning and water management into the Water Plan** | 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 |
| **Considerations** | **Resources** |
| **C. Expand groundwater analysis in Water Plan** | 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. |
| **Considerations** | **Resources** |
| **D. Incorporate near-coastal ecosystems and issues; add relevant State agencies to Steering Committee** | 1. Expand Water Plan geographical boundaries to include near-coastal interface with:  
- 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 |
| **Considerations** | **Resources** |
## Enhancements: Regional Planning

### Update 2013 Enhancement

<table>
<thead>
<tr>
<th>E. Expand linkages between-land use and water management</th>
<th>Implementation Examples:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Quantify relationship between land use and RMS benefits</td>
<td></td>
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<tr>
<td>2. Identify investment and policy opportunities that mutually benefit cities, counties, municipalities, etc and statewide resource management objectives as articulated in Update 2013</td>
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**Considerations**

**Resources**

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<thead>
<tr>
<th>F. Roll up Urban Water Management Plans into regional reports/plans</th>
<th>Implementation Examples:</th>
</tr>
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<tbody>
<tr>
<td>1. Continue pilot study to determine potential for synchronizing Water Plan water balances with data from UWMP's</td>
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**Considerations**

**Resources**

<table>
<thead>
<tr>
<th>G. Create an Economic and Financial Planning work team</th>
<th>Implementation Examples:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Develop and report on consumer pricing signals</td>
<td></td>
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<tr>
<td>2. Create and recommend long term funding options</td>
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<td>3. Develop implementation strategy for “beneficiary pays”</td>
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<tr>
<td>4. Prepare a plan for achieving long-term economic sustainability</td>
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<tr>
<td>5. Prepare a plan for short-term economic recovery and sustainability</td>
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<tr>
<td>6. Formulate Least-Cost Planning response package(s)</td>
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**Considerations**

**Resources**
## Enhancements: Collaboration

<table>
<thead>
<tr>
<th>Update 2013 Enhancement</th>
<th>Implementation Examples:</th>
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</table>
| **H. Clarify and refine State leadership** | 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 |

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<tr>
<th><strong>I. Increase federal involvement in Water Plan process; add federal companion plans</strong></th>
<th>1. Include federal agencies that have funding, regulatory, operations or water/flood management planning nexus (i.e. USBR, USFWS, NMFS, USACE, etc)</th>
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<td>Considerations</td>
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| **J. Continue to work with Tribes & refine Tribal involvement** | 1. Create Tribal Advisory Committee  
2. Conduct another Tribal Water Summit  
3. Develop interagency Tribal communication network  
4. Implement three-tier Tribal communication network |
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## Enhancements: Data, Metrics & Analysis

<table>
<thead>
<tr>
<th>Update 2013 Enhancement</th>
<th>Implementation Examples:</th>
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| **K. Improve data management and sharing** | 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 |

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| **L. Enhance interdisciplinary collaboration/integration of technical disciplines and analysis** | 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 |

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| **M. Add evaluation metrics and sustainability indicators** | 1. Apply Sustainable Water Resources Roundtable measures and metrics  
2. Include “jobs” and other economic measures |

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<th>Considerations</th>
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| **N. Develop and track CA water management measures of success** | 1. Develop tracking system and annual reporting feature for:  
- 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"  
Incorporate "Best Places to Thrive", sustainability and/or other quality of life indicators, data and measurements |

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**Enhancements: Adaptive Management**

### Update 2013

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<th>Enhancement</th>
<th>Implementation Examples:</th>
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| **H. Estimate Environmental Water “Needs”** *(beyond regulatory requirements)* | 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 |
| **Considerations** | **Resources** |
| **P. Implement a “Living Document” initiative** | 1. Water Plan User Satisfaction Surveys  
2. Interim studies (e.g. Drought Response Plan)  
3. Internet-based social media Twitter, Facebook, Wikipedia, blogs |
| **Considerations** | **Resources** |
| **Q. Incorporate shorter planning horizon(s)** | 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 |
| **Considerations** | **Resources** |
| **R. Recommend removal of outdated codes/laws** | 1. Coordinate a comprehensive review of legislation, laws and regulations  
2. Report on recommendations that have achieved and eluded consensus |
| **Considerations** | **Resources** |