

CCTAG Meeting July 16, 2009

Meeting Notes

AI=Agenda Item, CC=Climate Change, C=Comment, Q=Question, R=Response

AI - 2: Welcome and Introduction by John Andrew

- Round-Robin introductions followed by agenda preview.

AI – 3: Central Valley Flood Protection Plan - Proposed Climate Change Scope Definition Work Group by Mary Selkerk and Yung-Hsin Sun

- See PowerPoint (PPT) presentation on CVFPP
- See the supplemental meeting notes regarding CC Scope Definition Work Group.

AI - 5: California Water Plan Update 2009, Kamyar Guivetchi

- See PPT presentation for agenda item #5
- Handed out a copy of the draft Water Plan Highlights document and flyer with directions for submitting comments on the Public Review Draft of the Water Plan.
- The Department will be entertaining comments at the August Advisory Committee meeting and also at the October Plenary meeting.

Q: Is there going to be a strategy developed for net water supply in Update 2009?

R: This is something that the Department is currently working on and hopes to get into the 2009 update. However, we may not be able to do so due to the complexity of the task.

Q: Is adaptive management going to be the modus operandi for the CWP?

R: Yes, we will continue to adapt management strategies and metrics for measuring outcomes as we move forward through time.

Q: What is the cost estimate for the various water supply benefits strategies?

R: We are working with the Departments subject matter experts to establish these cost using life cycle estimates.

AI - 6: Quantification Results for Water Plan Update 2009 Scenarios - Rich Jurich

- See PPT presentation for agenda item #6.
- For the scenario assumptions about future irrigated crop area, we made simple assumptions about shifts from low value to high value crops. We used a very high (not too detailed) level analysis when doing this.
- Each hydrologic region has about 10 to 12 planning area level regions located within them.
- The goal is to be consistent with the Governor's Climate Action Teams regarding the types climate models used for input.

- The hydrologic region (HR) level of analysis focuses more on demand drivers than on supply. The planning area (PA) level analysis is able to evaluate more supply drivers in more detail, but still needs to undergo further refinement.

Q: Did you use a regional response model approach regarding the demands based on climate, temperature and precipitation?

R: Yes that was basically how we did it.

Q: Did you look at the different population growths by region?

R: Yes, we did it by county. We used Department of Finance's statistics.

Q: How does supply side match with demand side at the HR level?

R: We didn't model the supply side at the HR level.

Q: For the report, are you using all the different studies available?

R: We are working with Richard Howitt at UC Davis to help us develop and incorporate changes in future agricultural land use into the scenarios.

Q: Are you simulating artificial recharge in the WEAP model?

R: The model has that ability to model artificial recharge, but we are not currently modeling that factor at this time.

Q: Are people comfortable with using these synthetic precipitation analyses?

R: Yes, in general most people are okay with doing this, but it only represents wet and dry years to the extent that these cycles are represented in the underlying climate data. If the synthetic climate data doesn't include an extended drought, then we are not able to evaluate management responses to a drought.

AI - 7: CCTAG Statement of Task, John Andrew

- Regarding the CCTAG, CCTAG comments on the Statement of Task are needed by sometime in September. We will follow-up in a future correspondence regarding the final date for the submittal of comments.

Q: What is the time frame for membership of the CCTAG?

A: The time frame was intentionally left open at this time. The Department is planning additional work for the CCTAG, which will probably involve programs that are outside the context of the Water Plan. Ideally, the Department would like to keep the CCTAG intact to help evaluate and provide input on that work, too.

AI - 8: California Natural Resources Agency's Draft Climate Adaptation Strategy, John Andrew

- The release of the public review draft of the Climate Adaptation Strategy (CAS) document has been delayed.
- The draft of the CAS is currently circulating through the various agencies for final input and editing and should be out by mid-August.

- The CAS will consist of 7 resource sectors and each will have its own adaptation strategies associated with it.
- The Public Review Draft of the CAS will probably undergo a 30-day public review and will be presented at 2 different public meetings. The first public meeting may be in coordination with the California Water Plan's Advisory Committee meeting on August 13, 2009.
- The current plan is to have the CAS finalized sometime in September as a major element of the Governor's Climate Change Summit this fall.
- The CAS is a good first attempt by the State of California to develop adaptation strategies for impacts resulting from climate change. In addition, it is probably the first document of its type to be produced by any state in the Union, and will probably compare favorably with those documents developed at the international level.
- The biggest obstacle for developing the CAS, is with the enormous uncertainty related to climate change that the various agencies are trying to cope with.

Q: Are there targets/metrics that the CAS will/has establish for later time frame(s)?

A: Yes, but these might not be fully defined in this edition of the document due to the uncertainty factors. This uncertainty makes it very difficult to set metrics. Water use efficiency metrics, though, may be one example of a metric that could be implemented in this edition of the CAS.

AI - 9: Next Steps for the CCTAG, John Andrew

- We would like to schedule the next CCTAG meeting for sometime in mid-October.
- Tom Filler will follow up sometime in the first part of September with a proposed set of meeting dates for the CCTAG to select from.