



Project Summary

Federal Climate Change and Water Working Group (CAWWG)

DATE: September 2009

PROJECT TITLE: Defining User Needs

PROJECT OBJECTIVES:

- Identify the common needs of the federal and non-federal water management community for information and tools to support adaptation as climate changes.
- Guide and foster federal and non-federal research and technology investments toward meeting these needs.
- Generate collaborative efforts across members of the water management and scientific communities to develop, test, and apply new methods, tools, and capabilities.

APPROACH: Reclamation and the USACE are currently working to better define the critical knowledge gaps facing the water management community, as outlined on Table 2 of USGS Circular 1331, Chapter 6. (<http://pubs.usgs.gov/circ/1331/>). As the two federal representatives of this community, Reclamation and USACE technical specialists and program managers work with their water and environmental compliance managers to identify the information and tools most relevant to their programs. Reclamation and USACE will also engage and consult with other federal, state, and local agencies and stakeholder groups to identify complementary priorities and individual perspectives. As the federal science agencies participating in CAWWG, NOAA and USGS will translate the prioritized knowledge gaps and into research requirements and approaches that inform climate science priorities.

The capability assessment is envisioned to be flexible and dynamic with periodic updates issued as new information and perspectives are obtained.

STATUS: Initial draft of Reclamation/USACE capability gap document is complete.

NEXT STEPS: The following steps are planned over the course of the next 7 to 9 months:

1. Reclamation/USACE complete review of the initial draft capability assessment.
2. Reclamation/USACE consult with other federal, state, and local agencies and stakeholder groups that have a stake or role in the water management community of practice.
3. Incorporate comments from step 1 and other perspectives from step 2.
4. Complete and disseminate capability assessment to the public.
5. NOAA and USGS transform the knowledge gaps into research challenges, outline proposed research efforts, estimate level of effort, complexity, and chances of success.

<u>CAWWG Agency</u>	<u>Points of Contact</u>	<u>Technical Leads</u>	<u>Executive Sponsors¹</u>
Reclamation	Curt Brown, Chuck Hennig	Levi Brekke, Dave Raff	Michael Gabaldon, Karl Wirkus
USACE	Kate White, Rolf Olsen	David Williams, Jeff Arnold, Jason Giovannettone	Steve Stockton, Bob Pietrowsky
USGS	Earl Greene, Robin Schrock, Warren Day	TBD	Matt Larsen, Sue Haseltine, Stan Ponce
NOAA	Robert Webb, Roger Pulwarty, John Stein	Joe Barsugli (CIRES), Kevin Werner	Chester Koblinsky, Thomas Karl, Steve Murawski

¹ Current level of executive awareness