

Project Name: *Write out the entire, specific name.*

Climate Change Incorporation into CWP Update 2013

Sponsor/Program Manager	Kamyar Guivetchi, Paul Massera, Lew Moeller, Rich Juricich, John Andrew
Project Manager	Elissa Lynn

Project Objective Statement: *What must the project do? By When? Keep this statement to 25 words or less. Make it SMART (Specific, Measurable, Achievable, Relevant, and Time-based).*

Provide greater detail and regionally specific climate change information into Update 2013 than in Update 2009, including regionally appropriate and statewide adaptation and mitigation strategies, resource management strategies, and climate change scenarios decision support.

Triple Constraint Trade-off

Resources	S	<i>Select a different flexibility letter for each constraint N= Not Flexible S= Somewhat Flexible M= Most Flexible</i>
Schedule	N	
Scope	M	

Estimated Start Date:	Jan., 2011	Estimated End Date:	Dec., 2013
------------------------------	------------	----------------------------	------------

Project Deliverables: *What is the project going to produce? Create a list of tangible products that will result from project.*

- ◆ Climate Change regional content for Regional Reports CWP Update 2013
- ◆ Climate Change content for statewide strategies in Highlights and Key Recommendations, CWP Update 2013
- ◆ Climate Change content embedded within Resource Management Strategies for CWP Update 2013
- ◆ Decision Support for Scenarios of future water demands and management responses, CWP Update 2013
- ◆ General assessment of regional-level climate change responses to 2009 RMS's and IRWM proposals.
- ◆ IRWM Handbook Synopsis and linkages, 2011
- ◆ Climate Change Vulnerability Assessment Checklist, 2012 (potential)
- ◆ Regional energy/carbon intensity estimates for water - map, 2012 (potential)
- ◆ California Energy Commission *Vulnerability and Adaptation* Study Synopsis and linkages, 2012
- ◆ Decision-making Guidance for incorporating Climate Change (from DWR Characterization Study and Analysis Framework), Synopsis, 2012
- ◆ Downscaled Regional Climate Data Toolbox (from DWR Climate Change Analysis Framework), Synopsis and linkages, 2012
- ◆ National Research Council *Sea Level Rise in California, Oregon, and Washington* Study Synopsis & linkages, 2012
- ◆ Synopsis CEC's 2005 Water-Energy Relationship study, or follow developments of potential DWR replication study
- ◆ Monitor National Adaptation Plan by U.S. Government, 2012
- ◆ Monitor useful information from potential National Climate Assessment by U. S. Government, 2013

Strategic Fit: *What is the Strategic Initiative Identifier for this project?*

Climate change inclusion into the planning process matches all five of the Department's strategic objectives; sustainability and integrated water management are key strategies for adjusting to supply and demand impacts from cc. Economic advantages may be gained by responding to changing hydrology; support for ecosystem health may also be achievable when considering cc, although this is a developing area of water management. Improved quality of life for citizens of CA will be achieved through regionally appropriate responses to adapt to cc, and providing easier access to downscaled climate change modeling information. Energy consumption reduction in water management matches statewide objectives to reduce GHG (greenhouse