

**San Diego IRWM Program
Climate Change Panel Participants, Bios, and Questions**

#	Name	Bio	Panel Questions
1	<i>Daniel Cayan Scripps Institution of Oceanography, University of California, San Diego</i>	Dr. Daniel Cayan is a Research Meteorologist at the Scripps Institution of Oceanography, University of California, San Diego, and also a Researcher in the U.S. Geological Survey. His work is aimed at understanding climate variability and changes over the Pacific Ocean and North America. Cayan heads the California Applications Program and the California Climate Change Center, climate research programs to improve climate information and forecasts for decision makers in California (http://meteora.ucsd.edu/cap/).	<ol style="list-style-type: none"> 1. Please explain how a warming climate will affect precipitation patterns, snowmelt, flooding, sea level rise, and, ultimately, the seasonal availability of water. 2. Please explain how a higher water temperatures and changes in the timing, intensity, and duration of precipitation are expected to affect fresh water quality. 3. How will changing climate patterns specifically affect Southern California? Will there be difference in climate change effects in the Colorado River basin?
2	<i>John Andrew Division of Planning and Local Assistance, California Department of Water Resources</i>	John Andrew is Assistant Deputy Director of the California Department of Water Resources, where he oversees all of DWR's climate change activities. He helped develop and lead the State's mitigation and adaptation efforts for the water sector for both the draft California Climate Adaptation Strategy and the AB32 Scoping Plan. Andrew's previous management positions include water quality manager and Southern California Regional Coordinator for the CALFED Bay-Delta Program, and Chief of Special Planning Projects and Chief of Fish Facilities for DWR.	<ol style="list-style-type: none"> 4. How will climate change affect the quantity, quality, and reliability of the San Diego region's imported water supplies, namely from the State Water Project? 5. What are the anticipated impacts of climate change on the State's water quality beneficial uses? 6. Please explain DWR's efforts to add renewable energy supplies to its operations and the anticipated GHG footprint associated with State Water Project supplies? How is DWR supporting implementation of AB32 and reduction of GHGs from the water resources community?
3	<i>Mark Rentz, Esq. Association of California Water Agencies</i>	Mark Rentz is the Director of Regulatory Affairs at the Association of California Water Agencies. Rentz has extensive experience in regulatory advocacy work, both in government and in the private sector. Most recently, he was appointed by Governor Schwarzenegger to the position of Deputy Director of Policy Coordination at the Department of Pesticide Regulation, California Environmental Protection Agency. Prior to that, he served as Vice President and general counsel at the California Forestry Association.	<ol style="list-style-type: none"> 7. How can water resource managers act to positively address (adapt to) the impacts of climate change, including reduced water supply, flooding, and sea level rise? How might water managers partner with IRWM stakeholders to address climate change? 8. Do you foresee a day when water supply source options will be evaluated according to their GHG footprint in addition to other criteria? How will AB32, SB97 and SB375 affect water resource managers? 9. What climate adaptation strategies may be most flexible and effective for local agencies? To what extent can these strategies be enhanced by collaboration with IRWM stakeholders?
4	<i>Karen Franz San Diego CoastKeeper</i>	Karen Franz directs Coastkeeper's Watershed Monitoring activities, as well as Low Impact Development / Hydromodification and Community Based Social Marketing work. She is also the Campaign Manager of Coastkeeper's Water Supply Campaign.	<ol style="list-style-type: none"> 10. How will changing climate patterns and associated sea level rise affect San Diego's watersheds? 11. What are the ecosystem impacts to our coastal wetlands and beaches? 12. How can we best educate the public on the impacts to our water resources and the potential consequences?