

Western Governors' Association, Western States Water Council
Western States Federal Agency Support Team

**The National Integrated Drought Information System and
Climate Services Workshop for the Western United States**

**Doubletree San Francisco Airport
March 31-April 1, 2010**

Purpose

The workshop's purpose is to bring together a diverse group of federal, state, tribal, and local partners and stakeholders, from the water and land-management communities, to discuss and understand decision-makers' needs for climate, weather, and water-related information and improving our capacity to meet those needs.

Desired Outcomes

- (1) Increased knowledge and awareness of present decision-support tools and processes, including the National Integrated Drought Information System (NIDIS);
- (2) Identification of gaps in our knowledge and information and communication resources; and
- (3) Recommendations for better coordination in integrating, displaying, and distributing climate, weather, and water data and information;
- (4) Recommendations for future actions, collaborative research, and decision-support, including how drought is incorporated into climate services.

Format

This is a participatory workshop. Following panel presentations, participants will break into small table groups to discuss specific issues. One person at each table will be designated leader/recorder. Periodically, table groups will be shuffled to foster new exchange and ideas. Results will be recorded and reported.

Wednesday, March 31

1:30p	Convene Meeting
1:30p	Welcome and Workshop Purpose Tom Iseman, Water Program Manager, Western Governors' Association Tony Willardson, Executive Director, Western States Water Council Group Introductions – Around the Room.
2:00p	The National Integrated Drought Information System and Climate Services Roger Pulwarty, NOAA
2:30p	Drought & Climate in the West Phil Mote, Director, Oregon Climate Change Research Center Kelly Redmond, Regional Climatologist, Western Regional Climate Center Presentation and Facilitated Discussion
3:30p	BREAK

3:45p	The NIDIS U.S. Drought Portal Mark Svoboda, National Drought Mitigation Center:
4:15p	How do you do it? Decisions, Data, and Information. <u>Small Group Discussion Questions</u> 1a. What types of drought- and climate- related decisions are you making? 1b. What information do you now use for making those decisions?
5:00p	ADJOURN
5:00p	Optional: Interactive Drought Portal Tutorial w/Mark Svoboda
5:30p	SOCIAL HOUR

Thursday, April 1

7:30a	CONTINENTAL BREAKFAST
8:00a	Panel I: Drought Risk and Impacts: It's all about the water. <i>Moderator: Kelly Redmond, Western Regional Climate Center</i> Agriculture – Jason Peltier, Westlands Water District Conservation – Chuck Bonham, Trout Unlimited, CA Director Multi-Purpose Programs – Michelle McClure, NOAA Navigation/Ports – Sebastian Degens, Port of Portland State Water Resources: Barry Norris, Oregon Department of Water Resources
9:30a	Panel II: Drought Risk and Impacts: It's about more than water supply. <i>Moderator: Dan Ferguson, Climate Assessment for the Southwest (CLIMAS)</i> Public Lands – U.S. Forest Service (invited) Tribal Lands – Jason John, Navajo Nation Fire Impacts – Tim Brown, Director Western Regional Climate Center
10:30a	BREAK
11:00a	Drought and Climate Impacts and Assessment <u>Small Group Discussion Questions</u> 2a. How are you vulnerable to drought? 2b. What are the impacts that you experience from drought? 2c. Do you have the right information to assess vulnerability and impacts?
11:45a	Recap/Review – Small Group Leader Reports and Group Discussion
12:00	LUNCH David Behar, Climate Program Director, San Francisco PUC Staff Chair, Water Utility Climate Alliance Drought and Climate Change Preparedness and Response

1:00p	<p>State Planning for Drought and Climate: Jeanine Jones – CA Department of Water Resources</p>
1:30p	<p>Panel: Drought and Climate preparedness and adaptation <i>Moderator: Jeanine Jones, CA Department of Water Resources</i> Hydropower – Jim Ruff, Northwest Power and Conservation Council COE – Kevin Knuuti, COE Sacramento District Water Supply – Lorna Stickel, Portland Water Bureau Water Markets – Teresa Geimer, California Water Bank Tribal Drought Planning – Alex Cabillo, Hualapai Tribe</p>
2:45p	<p>Planning and Adaptation: Challenges and Opportunities <u>Small Group Discussion Questions</u> 3a. How are you planning for drought and climate variability? 3b. What are the barriers to obtaining and using the data and information? 3c. What ideas do you have for eliminating those barriers? What do you need to improve your drought planning? Impacts Assessments? Decision-Support? 3d. What should be the top two or three priorities to address these issues?</p>
3:15p	B R E A K
3:30p	Recap/Review – Small Group Leader Reports and Group Discussion
3:45p	<p>Climate Services: Partnerships and Implementation <u>NOAA’s climate services – an update.</u> Robin Webb and Roger Pulwarty (10 min) <u>Full Group Discussion:</u> How do we ensure that climate services build from NIDIS and other efforts and reflect your drought information needs and services? We will focus on the top 2-3 recommendations.</p>
4:45p	<p>Workshop Outcomes and Next Steps Tom Iseman/Tony Willardson/Roger Pulwarty</p>
5:00	Adjourn