

Western Governors' Association and Western States Water Council present

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

Holiday Inn Downtown, Lincoln, Nebraska
Arbor Room
October 13-14, 2009

Purpose

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 communication resources;
- (3) Recommendations for better coordination in integrating, displaying, and distributing climate, weather, and water data and information; and
- (4) Recommendations for future actions, collaborative research, and decision support.

Tuesday, October 13

7:30a	Registration and Continental Breakfast Arbor Room
8:00a	Welcome and Workshop Purpose Garland Erbele, Chairman, Western States Water Council Tony Willardson, Executive Director, Western States Water Council Tom Iseman, Water Program Manager, Western Governors' Association
8:30a	The National Integrated Drought Information System and climate services Roger Pulwarty, NOAA
9:00a	The National Drought Portal Mark Svoboda, Climatologist, National Drought Mitigation Center
9:20a	Federal Agencies: Planning for and Responding to Drought Panelists will each give an brief overview of <ol style="list-style-type: none">(1) The impact of drought on their mission, management decisions, and customers;(2) Climate and hydrologic information they collect and use to prepare for drought;(3) How they work with agencies and end-users to respond to drought and climate issues; and <ol style="list-style-type: none">(4) What they need in order to better serve their constituents. (continued, next page)

Tuesday, October 13

	<p>Moderator: Jonne Hower, Federal Liaison Officer, Western States Water Council</p> <p>Panelists: Robert Swanson, Nebraska Water Science Center Director, U.S. Geological Survey Claudia Hoeft, Acting Manager for the Snow Survey and Water Supply Forecasting Program, Natural Resources Conservation Service Dr. Edwin T. (Ted) Engman, Head of Hydrologic Services Branch (retired), National Aeronautics and Space Administration Doug Kluck, Climate Service Program Manager, Central Region, National Oceanic and Atmospheric Administration</p>
10:05a	B R E A K
10:20a	<p>Federal Agencies: Planning for and Responding to Drought (continued) Patrick Erger, Supervisory Hydrologist, Great Plains Region, Bureau of Reclamation Larry Murphy, Reservoir Regulation Team Leader, Missouri River Basin, U.S. Army Corps of Engineers Environmental Protection Agency (invited) Rebecca Davis, Regional Director, U.S. Department of Agriculture, Risk Management Agency</p>
11:05a	<p>Non-Federal Data Gathering Needs, Uses and Priorities Panelists will give an overview with regard to drought and climate data and information: (1) Where they obtain it, (2) How they use it, and (3) What they want that they don't currently have.</p> <p>Moderator: Tom Iseman, Program Director – Water, Western Governors' Association</p> <p>Panelists: Agriculture – Jay Rempe, Nebraska Farm Bureau, Vice President/Governmental Relations Conservation/Environment – Meghan Sittler, Coordinator, Lower Platte Corridor Alliance Emergency Management – Brian Podwinski, Response and Recovery Unit Supervisor, Nebraska Emergency Management Agency Energy – Mike Mathis, Water Planning Manager, Chesapeake Energy Corp. Navigation – Capt. Bill Beacom, Executive Director, Missouri River Navigation Caucus Water Supply – Margaret Fast, Manager, Public Water Supply Unit, Kansas Water Office</p>
12:15p	B U F F E T L U N C H Salon A
12:45p	Lunch Speaker: Drought Information Services: A Look into the Future Mike Hayes, Director, National Drought Mitigation Center
1:15p	Overview of the afternoon small groups Mary Orton, Facilitator

Case Studies and Small Group Discussions

You will hear brief case studies, then discuss the questions noted on the agenda with the others at your table. One or two persons at each table will be designated leader/recorder. Periodically, everyone except the leader and recorder will move to other tables to continue the discussion with a new group of participants.

1:30p	<p>BREAK Move to Arbor Room</p>
1:40p	<p>Your Current Situation: Decisions, Data, and Information <u>Case Study</u> (20 minutes) The Republican River Compact, Surface & Groundwater Issues – Karl Dreher, Arbitrator and Consultant</p> <p><u>Small Group Discussion Questions</u> (40 minutes)</p> <ol style="list-style-type: none"> 1a. What types of drought- and climate-related decisions are you making? 1b. What information do you now use for making those decisions? (This includes season to season, year to year, and long-term planning.) 1c. What sources of data/information do you rely on the most?
2:40p	<p>Data and Information: The Fundamental Building Blocks <u>Case Study</u> (20 minutes) Missouri River Basin – Dave Pope, Executive Director, Missouri River Association of States and Tribes</p> <p><u>Small Group Discussion Questions</u> (1 hour)</p> <ol style="list-style-type: none"> 2a. What data and information do you need that is not available? 2b. What are the barriers to obtaining and using the data and information? 2c. What ideas do you have for eliminating those barriers? 2d. What should be the top two or three priorities to address these issues?
4:00p	<p>Decision Support, Innovations, and Strategies <u>Case Study</u> (20 minutes) Texas Drought of Record – Dr. Ruben Solis, Texas Water Development Board</p> <p><u>Small Group Discussion Questions</u> (1 hour)</p> <ol style="list-style-type: none"> 3a. What works well in terms of the decision-support you use now, including NIDIS? 3b. How can the current decision-support tools and processes be improved? 3c. What new information (e.g., impacts assessment) or tools do you need to enhance your decision-making ability? 3d. What should be the top two or three priorities to address these issues?
5:20p	<p>Closing Remarks – Tony Willardson</p>
5:30p	<p>Workshop Adjourns Table Group Leaders and Recorders Meeting</p>
6:00p	<p>SOCIAL HOUR Salon A</p>

Wednesday, October 14

7:30a	Registration and Continental Breakfast Arbor Room
8:00a	Keynote Address - A History of Drought Response and Planning Efforts Don Wilhite, Director, School of Natural Resources, University of Nebraska-Lincoln
8:30a	Small Group Reports Tony Willardson and Tom Iseman
9:30a	BREAK
9:45a	Plenary Discussion Mary Orton, Facilitator
11:30a	Workshop Outcomes and Next Steps Roger Pulwarty, Tony Willardson, and Tom Iseman
12:00n	Workshop Adjourns