

California Drought Forum
Making Decisions in Dry Times:
Science and Strategies for Dealing with Drought

May 15-16, 2014
DoubleTree by Hilton Hotel
Sacramento, CA

AGENDA

Thursday, May 15

- 7:00 a.m. – 8:00 a.m. Continental Breakfast – To be provided
- 8:00 a.m. – 8:20 a.m. **Welcoming Remarks**
Jeanine Jones, Interstate Resources Manager, California Department of Water Resources, and Deputy DWR Drought Manager
- 8:20 a.m. – 8:30 a.m. Introductions, Overview, and Desired Outcomes of Forum
- 8:30 a.m. – 10:00 a.m. **Plenary Session: Drought Conditions and Forecasts**
Moderator: Alan Haynes, Service Coordination Hydrologist, NOAA/NWS - California Nevada River Forecast Center
Current Conditions and Recent Changes – Michael Anderson, State Climatologist, California Department of Water Resources
CPC Operational Climate Outlooks Relevant to California Drought Awareness – Jon Gottschalck, NOAA / Climate Prediction Center
Seasonal Wildfire Outlook – Timothy Brown, DRI-Western Regional Climate Center
Update on Large-scale Dynamics of Current Drought – Richard Seager, Lamont Doherty Earth Observatory of Columbia University
- 10:00 a.m. – 10:15 a.m. Break
- 10:15 a.m. – 12:00 noon **Plenary Session: Current Drought-Related Science**
Moderator: Marty Ralph, Director, Center for Western Weather and Water Extremes (CW3E), Scripps Institution of Oceanography, UC San Diego
Tree-ring Perspective on California Drought – Dave Meko, Tree-Ring Lab, University of Arizona
Climate Change Effects on Water in California – Dan Cayan, Scripps Institution of Oceanography, UC San Diego, and U.S. Geological Survey
Atmospheric Rivers as Drought Makers and Breakers – Mike Dettinger USGS, Scripps Institution of Oceanography

12:00 noon – 1:15 p.m. **Lunch and Keynote Speaker**
David Murillo, Director, Mid-Pacific Region, Bureau of Reclamation

1:15 p.m. – 3:15 p.m. **Panel Discussions: Sectorial Drought Impacts, Information Uses and Needs, and Decisions**

Municipal and Industrial Water Utilities

Moderator: Claudia Nierenberg, Program Manager, NOAA
Metropolitan Water District – Bill Hasencamp, Manager
East Bay Municipal Utility District – Richard Harris, Manager
Sonoma County Water Agency – Grant Davis, General Manager
California Rural Water Association – Krista Reger, Specialist/Trainer

Agriculture

Moderator: Keith Freitas, Executive Territory Representative, Global Organics, and Bio Flora
USDA NASS – Dave DeWalt, Deputy Director, Pacific Region
Friant Water Authority – Steve Ottemoeller, Water Resources Manager
California Cattlemen's Association – Justin Oldfield, Vice President, Government Relations
Sonoma County Winegrowers – Karissa Kruse, President
Almond Board of California – Gabriele Ludwig, Associate Director, Environmental Affairs

Tribal Communities

Moderator: Karola Kennedy, Elem Indian Colony
Sherwood Valley Tribe – Javier Silva, Environmental Director
Big Valley Band of Pomo Indians – Sarah Ryan, Environmental Director
Buena Vista Rancheria of Me-Wuk Indians – Christi Hansard, Environmental Technician
Coyote Valley Band of Pomo Indians – Emily Luscombe, Environmental Specialist

Natural Resources, Environment, Energy, and Recreation

Moderator: Kathie Dello, Associate Director, Oregon Climate Change Research Institute; Deputy Director, Oregon Climate Service
CA Dept. of Fish and Wildlife – Carl Wilcox, Policy Advisor to the Director
USDA Forest Service – Peter Stine, Director of Partnerships and Collaboration, Pacific Southwest Research Station
Chevron – Kirsten Thorne, Manager, Environmental Strategy
PG&E – Patrick "Pat" Mullen, Director

3:15 p.m. – 3:30 p.m. Break

Thursday, May 15, continued

- 3:30 p.m. – 4:45 p.m. **Break Out Group Discussions**
Sector-based drought impacts, decision-making, and related information needs.
- 4:45 p.m. – 5:15 p.m. **Report Out from Break Out Groups**
- 5:15 p.m. – 5:30 p.m. Closing Remarks; Agenda for Next Day

Friday, May 16

- 7:00 a.m. – 8:00 a.m. Continental Breakfast – To be provided
- 8:00 a.m. – 8:15 a.m. **Welcoming Remarks**
Jared Blumenfeld, Administrator for EPA's Pacific Southwest Region (Region 9)
- 8:15 a.m. – 8:30 a.m. Recap from Previous Day; Objectives for Today
- 8:30 a.m. – 9:30 a.m. **Integrated Information Systems and Resources – Lessons from Other Regions**
Moderator: Kevin Werner, NOAA Western Regional Climate Services Director
Experiences from the NIDIS Upper Colorado River Basin Drought Early Warning System – Nolan Doesken, State Climatologist, Dept. of Atmospheric Science, Colorado State University
A Klamath Basin Integrated Drought Information System – Kelly Redmond, Western Regional Climate Center, Desert Research Institute.
- 9:30 a.m. – 10:45 a.m. **Break Out Group Discussions**
Critical elements of a California Integrated Drought Information System (Early Warning, Preparedness, and Long-Term Resilience)
- 10:45 a.m. – 11:00 a.m. Break
- 11:00 a.m. – 11:15 a.m. **Report Out from Break Out Groups**
- 11:15 a.m. – 12:00 noon **Recommendations, Next Steps, and Action Items**
Facilitated discussion – Becky Smyth
- 12:00 noon – 12:15 p.m. **NOAA California Drought Services Assessment**
Kevin Werner, NOAA Western Regional Climate Services Director
- 12:15 p.m. – 12:30 p.m. Final Thoughts and Closing Remarks
- 12:30 p.m. Adjourn

