



California-Nevada Drought Early Warning System Partners Meeting

November 18-19, 2019

Capitol Event Center, Main Floor

1020 11th Street, Sacramento, CA 95814

This meeting will bring together federal, state, local, tribal, academic, private sector, and non-governmental partners to:

- Provide an opportunity for regional partners to network and share ongoing drought activities.
- Learn about new and innovative drought data, information, and resources.
- Explore emerging drought issues and opportunities.
- Discuss ways to improve drought impact reporting, the U.S. Drought Monitor feedback process, and coordination of drought information.
- Identify collaborative paths forward for the CA-NV DEWS Network to continue to help the region monitor, forecast, plan for, and cope with the impacts of drought. Outcomes will be integrated into the CA-NV DEWS Regional Implementation Plan.

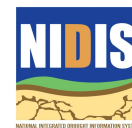
Monday November 18

- 9:00 am Registration Open
- 10:00 am Welcome & Introductions
- 10:15 am California-Nevada Drought Early Warning System (CA-NV DEWS) & NOAA
National Integrated Drought Information System (NIDIS) Update
Amanda Sheffield (NOAA/NIDIS)

Drought & Climate Update & Outlook Session

Explore current conditions and forecasts as well as innovative tools.

- 10:30 am Drought & Climate Update & Outlook
Michael Anderson (CA State Climatologist, CA Dept of Water Resources)
- 10:40 am U.S. Bureau of Reclamation Forecast Rodeo II
Ken Nowak (U.S. Bureau of Reclamation) (remote)
- 10:55 am Experimental Ridging Forecasts for Water Resource Applications
Peter Gibson (NASA Jet Propulsion Laboratory)
- 11:10 am Snow Drought Tracker
Dan McEvoy (Western Regional Climate Center)
- 11:25 am Q&A/Discussion on Current Conditions & Outlooks



12:00 pm Working Lunch (provided), with an Update on the Drought.gov Redesign & State/DEWS Data & Resources
Kat Bevington (NOAA/NIDIS) (remote)

Regional CA-NV DEWS Partner Updates

Round table updates from California and Nevada and other state, local, federal, tribal, academic, and private sectors partners.

1:00 pm State of California Update
Joaquin Esquivel (Chair, State Water Resources Control Board)

1:20 pm State of Nevada Update
Adam Sullivan (Nevada Division of Water Resources) (remote)

1:40 pm Round Table Updates (10 minutes per speaker)

3:00 pm Break

3:20 pm Round Table Updates (continued)

4:20 pm Day 1 Wrap-up & Setting the Stage for Day 2

4:30 pm Adjourn

Tuesday November 19

8:30 am Light Breakfast (provided)

9:00 am Welcome & Recap Day 1/Overview Day 2

9:15 am **Headwater hydrology in context of climate change, severe droughts and wildfires**

Panel session will focus on understanding approaches and data applications for assessing how snow and snowpack 'behave' under current contexts vs future projections with increased fire and climate change and what potential exists for management to ameliorate climate related stressors that might otherwise benefits to headwater hydrology.

(20 minutes per presentation and 20 minute discussion)

Moderator: Steve Ostoja (California U.S. Dept of Agr Climate Hub Director)

- *Safeeq Khan, Assistant Cooperative Extension Specialist, Water and Watershed Sciences*
- *Danny Marks, USDA-ARS Boise watershed management lab scientist*

10:15 am Break

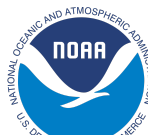


Drought & Impact Monitoring in California-Nevada Session

Discussion of the successes and challenges of drought monitoring, including impacts, in California-Nevada and ways to improve drought impact reporting, the U.S. Drought Monitor feedback process, and coordination of drought information.

- 10:30 am U.S. Drought Monitor Process & Successes & Challenges in California-Nevada
Dave Simeral (U.S. Drought Monitor Author, Western Regional Climate Center)
Peter Fickenschel (National Weather Service)
- 11:15 am Recent Advancements in Drought Impact Reporting
Kelly Smith (National Drought Mitigation Center)
- 11:30 am UC Rangelands & Recent Drought Impact Reporting
Leslie Roche (UC Davis, Assistant Cooperative Extension Specialist)
- 11:45 am Facilitated Discussion
- 12:30 pm Working Lunch (provided)
- 1:30 pm **Advancing Drought Early Warning in California-Nevada**
 - “Springboarding” off the 2017-2018 CA-NV DEWS Strategic Plan, *Amanda Sheffield (NOAA/NIDIS)*
 - 2020-2022 CA-NV DEWS Regional Implementation Plan Discussion
- 3:30 pm Next Steps for the CA-NV DEWS
- 4:00 pm Adjourn

Thank you to our meeting planning partners!



University of Nevada, Reno



NATIONAL DROUGHT MITIGATION CENTER
AT THE UNIVERSITY OF NEBRASKA-LINCOLN



WESTERN REGIONAL CLIMATE CENTER



California Climate Hub
U.S. DEPARTMENT OF AGRICULTURE



UC San Diego



UCAR
UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH