

Water Year 2019: Feast or Famine?

Understanding Our Ability to Predict the Winter's Precipitation

Sponsored by California Department of Water Resources and Water Education Foundation
In partnership with the Scripps Institution of Oceanography and NASA JPL



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December 5, 2018
Beckman Center, UC Irvine
100 Academy Way, Irvine



- 8:30 a.m.** **Check-in – Coffee & Pastries**
- 9:00 a.m.** **Expectations: Can long-term precipitation forecasting be improved? And does a dry 2018 signal a return to continued prolonged dry conditions?**
Jeanine Jones, Interstate Resources Manager, California Department of Water Resources
- 9:30 a.m.** **The Big Picture: National and international research on predicting precipitation weeks to months ahead**
Duane Waliser, Chief Scientist & Senior Research Scientist, NASA Jet Propulsion Laboratory
- 10:00 a.m.** **Is the El Niño-Southern Oscillation all washed up as a predictor?**
Ben Hatchett, Assistant Research Professor, Atmospheric Science, Western Regional Climate Center
- 10:30 a.m.** **Break**
- 10:45 a.m.** **Understanding the skill of present National Weather Service outlooks**
Jonathan Rutz, Research and Development Meteorologist, Western Region Headquarters, National Weather Service
- 11:15 a.m.** **DWR investments in improving forecasts at all time scales**
Mike Anderson, State Climatologist, California Department of Water Resources
- 11:45 a.m.** **Preliminary work on precipitation in the Colorado River Basin**
Ben Hatchett, Assistant Research Professor, Atmospheric Science, Western Regional Climate Center
- 12:00 p.m.** **Lunch**
- 1:00 p.m.** **Experimental short-term forecasting of atmospheric river storms**
Mike DeFlorio, Researcher, UCSD Scripps Institution of Oceanography, Center for Western Weather and Water Extremes
- 1:30 p.m.** **Experimental forecasting of winter blocking/ridging conditions**
Peter Gibson, Researcher, NASA Jet Propulsion Laboratory
- 2:00 p.m.** **So what CAN we say about Water Year 2019?**
Mike Anderson, State Climatologist, California Department of Water Resources
- 2:30** **Adjourn**