## 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

**December 5, 2018**  
Beckman Center, UC Irvine  
Auditorium, Huntington Room  
100 Academy Way, Irvine

<table>
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<th>Time</th>
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<td>8:30 a.m.</td>
<td>Check-in – Coffee &amp; Pastries</td>
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| 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 timescales  
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* |
| Noon | Buffet Lunch in Dining Room                                         |
| 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 p.m. | Adjourn                                                             |