

DWR Virtual Winter Outlook Workshop Agenda  
November 3-5, 2020

**Tuesday November 3<sup>rd</sup>**

- 8:30 Welcome, introductions, & opening remarks  
*Jeanine Jones, DWR and Marty Ralph, Scripps*
- 9:00 NOAA Precipitation “Grand Challenge” and implementation of Weather Act  
*Dave DeWitt, NWS CPC*
- 9:45 Experimental seasonal forecast for DWR  
*Matt Switanek, NOAA ESRL*
- 10:15 Update on circulation patterns in transition years  
*Gudrun Magnusdottir, UCI*
- 10:45 Break
- 11:00 Statistical seasonal prediction of winter precipitation  
*Rong Fu, UCLA*
- 11:30 S2S Empirical Prediction Model  
*Kirsten Mayer, Colorado State University*
- 12:00 Examples of importance of longer forecast lead times & accuracy/precision trade-off, risk management  
*Jeanine Jones, DWR*
- 12:30 Adjourn

**Wednesday November 4<sup>th</sup>**

- 8:30 S2S research and experimental forecast product development: a partnership led by CW3E and NASA JPL  
*Mike DeFlorio, Scripps and Duane Waliser, JPL*
- 8:50 Experimental subseasonal ridging outlooks  
*Peter Gibson, Scripps*
- 9:20 North Pacific modes of circulation: pathways towards seasonal prediction of western U.S. precipitation  
*Kristen Guirguis, Scripps*

- 9:50 Machine learning for seasonal prediction of western U.S. precipitation clusters  
*Peter Gibson and Will Chapman, Scripps and Alphan Altinok, JPL*
- 10:20 Break
- 10:30 An evolution-centric statistical forecast technique for real-time winter US precipitation and its forecast for 2020-21  
*Agniv Sengupta, JPL*
- 11:00 Subseasonal to seasonal weather regime forecasts and IRI seasonal precipitation outlooks for winter 2020-21  
*Andy Robertson, IRI*
- 11:30 A two-stage hybrid method for S2S prediction of snow water equivalent, precipitation, and temperature  
*Xubin Zeng, University of Arizona*
- 12:00 CW3E experimental seasonal precipitation outlooks: Winter 2019-20 verification and a look ahead to Winter 2020-21  
*Sasha Gershunov and Tamara Shulgina, Scripps*
- 12:30 Adjourn

**Thursday November 5<sup>th</sup>**

- 9:00 Group discussion – possible future follow-on experimental seasonal forecasting work
- 9:45 Wrap-up discussion
- 10:30 Adjourn