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

Tuesday November 3rd

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 4th

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 5th

9:00 Group discussion – possible future follow-on experimental seasonal forecasting work

9:45 Wrap-up discussion

10:30 Adjourn