

**DRAFT**

DWR Winter Outlook Workshop  
November 14-16, 2022  
Scripps Institution of Oceanography  
Seaside Forum, Ted Scripps room  
8610 Kennel Way, La Jolla

**Monday November 14th**

- 1:00 Registration
- 1:30 Welcome & introductions
- 1:45 Workshop purpose & goals  
Jeanine Jones, DWR
- 2:15 NOAA activities on sub-seasonal to seasonal (S2S) precipitation forecasting  
Dave DeWitt, NWS CPC
- 3:15 Legislative efforts on S2S precipitation forecasting  
Jeanine Jones
- 3:45 WY 2022 observed outcomes  
Mike Anderson, DWR
- 4:45 Adjourn

**Tuesday November 15th**

- 8:30 NOAA Weather Program Office S2S projects funded in FY22  
Jessie Carman (virtual)
- 9:15 NOAA ESRL CalWater S2S Prediction Project  
Juliana Dias, ESRL
- 10:00 Break
- 10:15 Overcoming the climatic moisture deficit  
Lorrie Flint, Earth Knowledge
- 11:00 Machine learning applied to the S2S timescale  
Agniv Sengupta, Scripps

- 12:00 Lunch (provided)
- 1:00 Non-ENSO effects on California seasonal precipitation  
Gudrun Magnusdottir, UCI
- 2:00 Overview of the summer 2022 SW monsoon  
Mike Crimmins, University of Arizona (virtual)
- 2:45 Break
- 3:00 Work in progress on multi-year forecasting  
Matt Newman, ESRL
- 4:00 Machine learning on 500mb heights, sub-seasonal predictability  
Kristen Guirguis, Scripps
- 4:45 Adjourn

### **Wednesday November 16th**

- 8:30 S2S Research & Experimental Forecast Product Development at Scripps CW3E  
Mike Deflorio, Scripps
- 9:30 Machine Learning Approaches for S2S Prediction  
Kirsten Mayer, NCAR
- 10:00 Break
- 10:15 NOAA CPC experimental water year outlook  
Emerson LaJoie
- 11:00 S2S next steps  
Upcoming events, outreach, meetings, etc.  
Colorado River Basin  
Group discussion
- 12:00 Adjourn