

Agenda -- DWR Winter Outlook Workshop
November 6 - 8, 2019
Scripps Seaside Forum, Ted Scripps room
Scripps Institution of Oceanography

Wednesday November 6th

- 1:00 Welcome, introductions, & opening remarks
Jeanine Jones, DWR
Marty Ralph, Scripps CW3E
- 1:15 Workshop purpose & goals, efforts to advance sub-seasonal to seasonal (S2S) precipitation forecasting
Jeanine Jones
- 1:45 Overview of CW3E/JPL S2S R&D since WOW 2018 & skill assessment of week-3 AR forecasts for DWR
Mike DeFlorio, Scripps
- 2:30 Break
- 2:45 Scripps' statistical 3-month precipitation forecasts (CCA, based on SSTs)
Sasha Gershunov, Scripps
- 3:30 DWR uses for week-3 to 3-month forecasts/outlooks
Mike Anderson, DWR
- 4:30 Adjourn

Thursday November 7th

- 8:30 NWS Climate Prediction Center activities, implementation of Weather Act
Dave DeWitt, NWS CPC
- 9:15 Update on circulation patterns in transition years
Gudrun Magnusdottir (UCI), Yannick Peings (UCI)
- 10:00 Break
- 10:15 Experimental ridging outlooks for DWR
Peter Gibson, JPL

- 11:00 Update on statistical seasonal prediction of winter precipitation
Rong Fu, UCLA
- 11:45 Lunch (provided)
- 12:45 Update on ESRL experimental statistical forecast work for DWR
Matt Switanek, NOAA ESRL
- 1:30 Opportunities for applying machine learning to improve S2S outlooks for DWR –
what’s next?
Luca Della Monache, Scripps
- 2:15 Break
- 2:30 Upcoming JPL et al prediction work for DWR, including snowpack
Duane Walser (JPL), Andy Robertson, (IRI), Xubin Zeng (Univ of AZ)
- 3:15 Discussion: ocean observations for improving S2S forecasting – any
opportunities? Pathways?
Anna Wilson (by phone), Bruce Cornuelle, Luca Centurioni, Scripps
- 4:30 Adjourn

Friday November 8th

- 8:30 Blob 2.0 in the Pacific Ocean, implications for this winter?
Dillon Amaya, Scripps, group discussion
- 9:15 Putting S2S RTO in practice in the Western Region
Jon Rutz, NWS Western Region
- 10:00 Break
- 10:15 Colorado River – State of the Science report, drought contingency plan
applications of S2S forecasting
Jeanine Jones (DWR)
- 10:45 S2S next steps
Upcoming events, outreach, meetings, etc...
Group discussion
- 12:00 Adjourn