

## WINTER OUTLOOK WORKSHOP

November 21-22, 2013  
Nierenberg Hall, room 101  
Scripps Institution of Oceanography  
San Diego

### Thursday November 21st

- 1:00 Welcome & opening remarks  
Jeanine Jones, DWR  
Anne Steinemann, CNAP
- 1:15 Workshop purpose & goals, relationship to other activities  
Jeanine Jones
- 1:30 Data mining for climate signals  
Mike Anderson, DWR
- 2:00 Are precipitation patterns changing?  
Mike Anderson/Kelly Redmond, Desert Research Institute
- 2:30 California NIDIS, indicators, and analog years  
Anne Steinemann
- 3:00 Break
- 3:15 Planned activities for extremes center, NSF proposal  
Marty Ralph, Scripps
- 3:45 NASA work on ARs/MJO/snowpack/forecasting  
Duane Waliser, JPL
- 4:15 DWR-NOAA RISA MOA & extremes center  
Group discussion
- 5:00 Adjourn

Friday November 22nd

8:30 Experimental forecast for winter 2013-14, California and Colorado River Basin,  
& forecast discussion  
Klaus Wolter

10:00 Break

10:15 Natural variability in precip/flow in key watersheds  
Mike Dettinger, USGS

10:45 Implications of variability for Colorado River management  
Jeanine Jones, DWR

11:15 Group discussion on research needs, funding opportunities  
Outreach (e.g., BAMS, webinars)  
Proposals (e.g., Colorado River decadal scale)  
Observations related to SLR & extremes

11:45 Next steps, wrap up  
News release for experimental forecast  
WSWC May 2014 monitoring/data workshop

12:00 Adjourn