

CESM Climate Variability and Change Working Group
29 January 2018
National Center for Atmospheric Research – Boulder, Colorado
Mesa Lab – Fleischmann Building – Walter Orr Roberts Board Room

Walter Orr Roberts Board Room location: This conference room is located in the Fleischmann Building, which is the small, pink building across from the Mesa Lab parking lot. Please follow the sign to the Board Room that is near the sidewalk.

Webcast Instructions:

AUDIO: Dial this access number: 1-866-740-1260 – Enter access code **8531794**

VIDEO: Go to www.readytalk.com; under "join a meeting" enter access code **8531794**

8:45	<i>Coffee</i>	
9:00	Tropical ocean decadal variability and connections to Antarctic and Arctic sea ice	Jerry Meehl
9:20	Regional, seasonal, and lagged influences of the Amundsen Sea Low on Antarctic sea ice	L. Landrum / M. Holland
9:40	The signature of ozone depletion in recent Antarctic precipitation change	Jan Lenaerts
10:10	Contrasting the Antarctic and Arctic atmospheric responses to projected sea ice loss in the late 21 st Century	Mark England
10:30	<i>Break</i>	
10:50	A barotropic mechanism for the response of jet stream variability to Arctic Amplification and sea ice loss	Bryn Ronalds
11:10	New insights on Arctic-midlatitude dynamics from causal discovery	Marie McGraw
11:30	What controls the duration of El Nino and La Nina events?	Yuko Okumura
11:50	Eastern Pacific ITCZ dipole: A spring view of ENSO diversity	Shang-Ping Xie
12:10	Externally-forced changes to Pacific Ocean dynamics in CESM-LE	Matt Newman
12:30	<i>Lunch (catered in the cafeteria for registered participants)</i>	
1:30	Thermodynamic constraint on the depth of the global tropospheric circulation	Dave Thompson
1:50	Seamless prediction: Can we use shorter timescale forecasts to calibrate climate change projections?	H. Christensen
2:10	Low-frequency North Atlantic climate variability in CESM LENS	Who Kim
2:30	Efficient driving of AMOC variability by North Atlantic buoyancy fluxes in CCSM4	Grant Branstator
2:50	<i>Break</i>	
3:10	Whole atmosphere simulation of anthropogenic climate change	Stan Solomon
3:30	The downward influence of uncertainty in the Northern Hemisphere Stratospheric polar vortex response to climate change	Isla Simpson
3:50	Historical context of the 2017-18 Northern Plains drought	Andrew Hoell
4:10	Challenges in understanding climate non-stationarity and its influence on water resources in the U. S. Southwest	Flavio Lehner
4:30	CVCWG updates and discussion	
4:50	<i>Adjourn</i>	
5:00	<i>Optional Happy Hour / Pizza at Under The Sun (Table Mesa Shopping Center)</i>	