

CESM Climate Variability and Change Working Group Session
Tuesday, 21 June 2016
The Village – Ten Mile Room – Breckenridge, Colorado

Webcast Instructions and Information: <http://www.cesm.ucar.edu/events/webcasts/>

CVCWG Co-chairs: Susan Bates, Clara Deser, Peter Gleckler, Gerald Meehl, and Shang-Ping Xie
The session will consist of short oral presentations, followed by discussion of CVCWG plans for the coming year.

SPEAKERS PLEASE NOTE: Though the time slot for each short talk is 12 minutes, please plan on speaking for NO MORE THAN 10 MINUTES to allow a quick question and transition to the next speaker. To keep the session moving, we will enforce these time limits.

- 8:30 a.m. ***Session Chair – Gerald Meehl***
Jonathan Eliashiv – Tropical climate variability and model error estimation with DART / CESM

Xingying Huang – Future changes of precipitation extremes over western U.S. using variable-resolution CESM

Karen McKinnon – Understanding changing temperature distributions

Bing Chen – Exploring the possible climatic effect of anthropogenic heat release due to energy consumption on global climate

Aixue Hu – Impact of solar panels on global climate

Lawrence Mudryk – Spread in CMIP5 snow cover trends is controlled by temperature response and in general agreement with observational estimates

Sumant Nigam – Seasonality in the secular warming of the northern continents
- 10:00 a.m. ***Break***
- 10:30 a.m. ***Session Chair – Shang-Ping Xie***
Dong Si – Decadal change in the correlation pattern between the Tibetan Plateau winter snow and the East Asian summer precipitation during 1979-2011

Isla Simpson – Model diversity in future predicted circulation change in wintertime North Pacific

Haiyan Teng - Causes of extreme ridges that induce California droughts

Michael Wehner – Extreme event attribution using the CAM

Kevin Trenberth – Challenges in earth’s energy imbalance

Shang-Ping Xie – Origin of inter-model uncertainty in ENSO amplitude change

Kun Wang – Tropical Pacific climate response to projected Arctic sea ice loss

Susan Bates – CVCWG plans

Discussion
- 12:00 p.m. ***Adjourn***