

CESM Polar Climate Working Group Meeting
9 – 10 February 2016
National Center for Atmospheric Research –Mesa Lab
Boulder, Colorado

TUESDAY, 9 February – Damon Room

Webcast Instructions:

AUDIO: Dial this access number: 1-866-740-1260 – Enter access code **4971358**

VIDEO: Go to www.readytalk.com; under “join a meeting” enter access code **4971358**

Joint LIWG / PCWG / PaleoWG Session

1:00	Ice sheet surface fields in CESM2	Jan Lenaerts
1:20	Upscaling in situ observations to surface mass balance estimates and models of the Greenland Ice Sheet	Mike MacFerrin
1:40	Can we constrain the extent of past and future ice shelves: The basal melting calculation	Florence Colleoni
2:00	Mid-Pliocene inception and growth of the Greenland Ice Sheet in CESM	Marcus Lofverstrom
2:20	Contributions to Pliocene Arctic warmth from aerosol indirect forcing	Ran Feng
2:40	Modelling stable isotope tracers through the Greenland and Laurentide Ice Sheets through the last glacial cycle	Shawn Marshall
3:00	<i>Break</i>	
3:30	Exploring probabilistic cumulative-carbon-based Greenland Ice Sheet stability threshold estimates	Jeremy Fyke
3:50	Predictability of an ice-free Arctic using the CESM Land Ensemble	Alexandra Jahn
4:10	Estimating the extent of Antarctic summer sea ice during the Heroic Age of Exploration	Jonny Day
4:30	Discussion	
5:00	<i>Adjourn</i>	

WEDNESDAY, 10 February – Chapman Room

Webcast Instructions:

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

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Polar Climate Working Group Session

9:00	Welcome and logistics	Co-chairs
9:10	Characterizing Arctic sea ice variability and extreme events in CESM-LE	John Mioduszewski
9:30	Separating the influences of sea ice loss and lower latitude warming in the atmospheric response to greenhouse gas forcing	Russell Blackport
9:50	Arctic sea ice prediction: An update from the trenches	Ed Blanchard-Wrigglesworth
10:10	The atmospheric response to the Weddell Polynya in the high-resolution ASD Simulation	Wilbert Weijer
10:30	<i>Continental Breakfast</i>	
10:50	Polar cloud behavior: Leveraging active satellite observations to evaluate CESM-LE representation	Elin McIlhattan
11:00	Deformation parameters derived from suborbital remote sensing observations compared to CICE parameters	Ute Herzfeld
11:20	Overview of the HiLAT project	M. Hecht / W. Weijer
11:40	Discussion (CESM2.0 and beyond, metrics)	
12:00	<i>Adjourn and Lunch (on your own)</i>	

MEETING MOVES TO CENTER GREEN CAMPUS FOR AFTERNOON JOINT SESSION

1:20 Bus departs Mesa Laboratory for Center Green Campus