

2023 CESM Workshop
Model
Polar Climate WORKING GROUP MEETING

June 2023

Day / June

* All times are MST; **Speakers:** please leave 5 min at the end of your slot for questions.

Time	Topic	Speakers
Overview: <i>Center Green Auditorium / South Bay</i> YouTube Streaming: https://youtube.com/live/slldw68VRjk?feature=share		
1:30	Welcome and logistics	Hansi Singh Marika Holland Dave Bailey
1:45	Can CESM simulate the cyclone-driven record sea ice loss of January 2022? (online)	Ed Blanchard- Wrigglesworth
2:00	The impact of observed wind variability on Arctic sea ice, Antarctic sea ice and AMOC (online)	Lettie Roach
2:15	ARctic Serenade: Dancing with Arctic Atmospheric Rivers in the Changing Climate Symphony (in person)	Rudra Thaker
2:30	Role of long-term changes of Atmospheric rivers in shaping moisture variability in the Arctic (online)	Qinghua Ding
2:45	Fundamental changes in the North Water Polynya less likely if global warming is limited to 2 degrees (in person)	Jed Lenetsky
3:00 - Break		
3:30	Arctic precipitation in circulation-constrained CESM1/2 simulations and the role of meridional moisture transport (online)	Ian Baxter
3:45	Progress Towards a Single-Column Model (Icepack) Case Study for the MOSAiC Expedition (in person)	David Clemens- Sewall
4:00	Time of emergence for Antarctic sea ice and ecosystems (in person)	Laura Landrum
4:15	Robust polar amplification in ice-free climates relies on ocean heat transport and cloud radiative effects' (online)	Mark England
4:30	Arctic amplification and its seasonal migration from 1/8x to 8xCO2 forcing (in person)	Ivan Mitevski
4:45	Using CICE5 to explore Barents-Kara sea ice variability from synoptic to seasonal timescales (in person)	Peter Siew
5:00	Discussion	
5:15	Adjourn	

Posters:
