

CESM LAND ICE WORKING GROUP WINTER MEETING

February 7, 2024

* All times are MST; **Speakers:** Please leave 3–5 minutes at the end of your 20-minute time slot for questions.

* For people joining us in person, the meeting will take place at the NCAR Mesa Lab in the Damon room.

Time	Topic	Speakers
	LIWG Session - Wednesday, February 7 Damon Room	
08:30	Topographically constrained tipping point for complete Greenland Ice Sheet melt.	Michele Petrini
08:50	Effect of emission reductions on future GrIS melt as simulated with CESM2-CISM2.	Miren Vizcaino
09:10	On the role of feedbacks and climate mitigation on future Greenland ice sheet mass loss as simulated with CESM2-CISM2.	Thirza Feenstra
09:30	Identifying energy balance drivers and feedbacks of Greenland Ice Sheet surface melt using causal inference.	Ziqi Yin
09:50	Seabed curtain interventions for ice sheet conservation: Jakobshavn and Thwaites compared.	John Moore
10:10	Discussion: Geoengineering and the LIWG.	
10:30	Break	
10:50	Modeled ice sheet sensitivity to basal melt parameterizations is determined by the amount of buttressing.	Tim van den Akker
11:10	Impacts of model resolution on ocean conditions near the Antarctic Ice Sheet.	Mira Berdahl
11:30	Simulating glaciers in the Alps with the Community Ice Sheet Model.	Bill Lipscomb
11:50	CISM and CESM updates.	Gunter Leguy
12:10	Software engineering updates.	Kate Thayer-Calder
12:30	LIWG Adjourned	