

Land Ice Working Group

30th Annual CESM Workshop
June 9th, 2025

Monday, June 9th, 1:30 pm - 5 pm

** All times are MDT; **Speakers:** 11-13 min. talk. Please leave 2-4 min at the end of your slot for questions.*

Time	Topic	Speakers
1:30	LIWG history and updates	Gunter Leguy
1:48	Using the CESM test framework for CISM development	Kate Thayer-Calder
2:00	Coupled ESM-ISM simulations for ISMIP7	Robin Smith [Virtual]
2:15	The Effect of Lateral Viscosity Variations on Local Sea Level and Bedrock Deformation in Antarctica	Kaixuan Kang
2:30	Antarctic meltwater alters future projections of climate and sea level	Shaina Sadai [Virtual]
2:45	Taking Science to Action Seriously: An Actionable Science Perspective on Land Ice and Sea Level Rise Projections	David Behar [Virtual]
3:00	Break	
3:30	Land ice component in the Norwegian Earth System Model: towards CMIP7 and beyond	Michele Petrini
3:45	Using the Community Ice Sheet Model to Inform Ice Core Drilling Efforts in Antarctic Interior and Blue Ice Areas	Fairuz Ishraque
4:00	Impact of elevation feedbacks and climate mitigation on future Greenland ice sheet mass loss	Miren Vizcaino
4:15	Emulating Greenland Ice Sheet Surface Melt Using Graph Neural Networks	Ziqi Yin [Virtual]
4:30	Supraglacial Water Signatures Reflect Changes in Ice Dynamics	Rachel Middleton
4:45	Mountain Glaciers in CISM: Current Capabilities and Future Directions	Samar Minallah
5:00	Adjourn	