

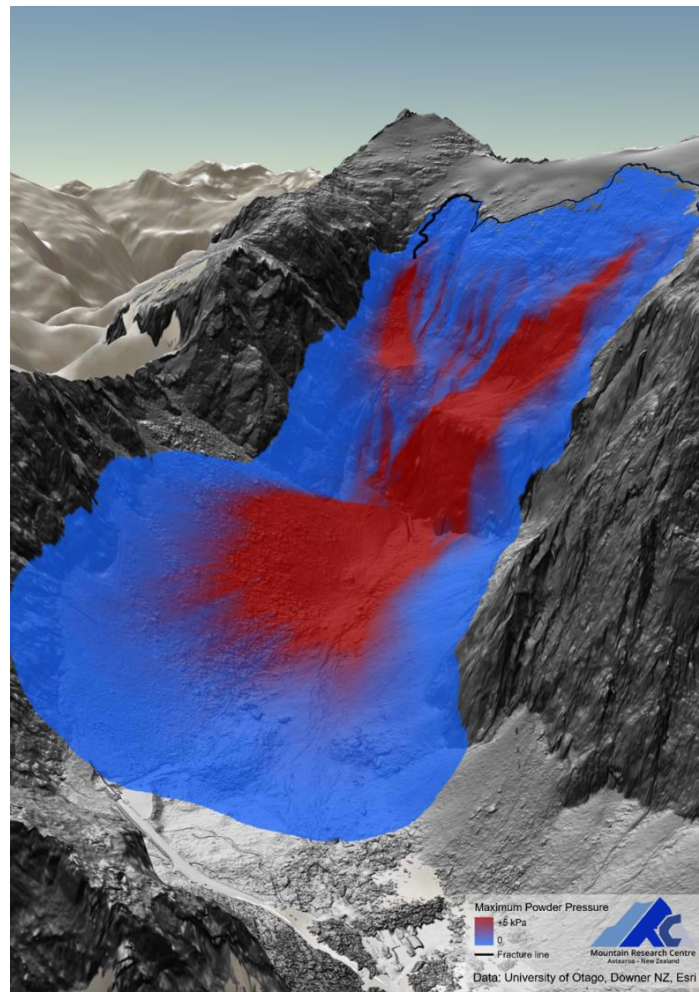
School of Surveying Te Kura Kairūri

Lunchtime Seminar Series

Snow avalanche modelling along Milford Road, Aotearoa New Zealand



Aubrey Miller, School of Surveying and Mountain Research Centre, University of Otago



This seminar will discuss how recent advances in geospatial science, including new methods for measuring alpine topography (from satellites and ground-based LiDAR), are being used for avalanche modelling in Aotearoa New Zealand (NZ). Snow avalanche hazards affect recreationists and infrastructure in alpine regions throughout NZ. However, the historical record of avalanche events is relatively short in NZ compared with other countries. In collaboration with the Milford Road Alliance (MRA) and the WSL-SLF in Switzerland, we are calibrating a dynamic model (RAMMS) for avalanche events along Milford Road and elsewhere in NZ. Calibrated models can then be used for extreme event planning and preparedness—offering new levels of detail in hazard assessments.

Thursday 07th Oct 2021 (12pm – 1pm)

L1 Lecture Theatre | School of Surveying, 310 Castle Street
OR Join remotely: <https://zoom.us/join> (ID: 329 427 2033, P/W: 310310)