

Landslides in a changing climate Geohazards and benthic habitats in West Greenland

Geological Survey of Denmark and Greenland - GEUS
Department of Marine Geology meeting room
Aarhus University, University City 81, building 1872, 6 floor



The long-term history, frequency, and control factors of rock avalanches in West Greenland are not fully understood. 2019 and 2021 expeditions onboard RV Sanna collected ~4000 km of geophysical and geological data within Karrat Fjord and Vaigat, with focus on areas influenced by landslides. These data have the potential to reveal the frequency and magnitude of rock avalanches, and potentially tsunamis, during the geological past. The objective of the **Geocenter Danmark** project is to reveal the geological history of landslide occurrence in West Greenland. The results will contribute to the understanding of linkages between slope instability and climate warming, and what imprint landslides leave on the benthic habitats. *Would you like to know more? Join us on the kick-off meeting workshop!*

Please contact us if you plan to attend: **Lara F. Pérez:** lfp@geus.dk