

ES11: Glacial geology, Geomorphology, and Modelling of Past Glaciers and Ice Sheets

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Session Description

With the recognition of global warming there has been increasing interest about the activity of the Greenland and Antarctic ice sheets. To this end, much research has been conducted at the beds of former glaciers and ice sheets, and models developed, to better understand and predict glacial processes as a function of thermal regime. This session will present talks and posters on sedimentological and geomorphological research being done to better understand the physical processes that governed the nature of glacial advance and decay during the last glaciation, and on the development and testing (against field evidence) of predictive models.

Primary Affiliation: Earth Surface Processes