



SESSIONS EUCOP6_ 2023

Session title: Periglacial geomorphology

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Summary: Periglacial and permafrost processes and landforms are widespread in high-latitude and high-altitude environments, where frost action generated a variety of periglacial phenomena, including weathering, mass movement, fluvial, aeolian, coastal and paraglacial features. Such periglacial processes and the associated geomorphological changes are being affected by the global warming trend. Despite their scientific value and societal relevance, our comprehension of periglacial dynamics in many mountain and polar regions is still insufficiently addressed. Periglacial geomorphology should maintain a bridging position between geomorphology, geocryology, Quaternary and engineering studies. This session welcomes research studies focusing on conceptual, empirical, experimental, and modeling approaches covering all spatial and temporal scales in periglacial and permafrost regions, including those related with the thermal state of permafrost and active layer dynamics.