



## SESSIONS EUCOP6\_ 2023

**Session title:** Periglacial and paraglacial environments in Antarctica

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**Summary:** Antarctic periglacial and paraglacial environments belong to the most unique systems on Earth. They are restricted to Antarctic ice-free regions, which are mostly controlled by the occurrence of permafrost. These environments are located mostly in coastal fringes, dry regions in the interior of the continent and scattered nunataks, and represent a rich mosaic of ice-free landscapes that have developed under different climate and topographic conditions. However, their origin, as well as their recent changes remain still poorly investigated and require multidisciplinary scientific research. This session focuses on environmental dynamics prevailing in ice-free regions in Antarctica, and welcomes studies on ground thermal regime of the active layer and permafrost, as well as research focusing on geomorphic, soil and ecological processes in recently deglaciated areas. Contributions providing new multidisciplinary perspectives, including remote sensing and new methods and techniques are also welcomed.