



Glacial and Geomorphological Cartography

Guest Editor:

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Message from the Guest Editor

The aim of this Special Issue is to provide insights in the use of maps, mapping and GIS technologies for geomorphological and glaciological research. During the last 20 years, new methods and tools, such as GIS, DEMs, laser scanner, LIDAR, UAV's or Geophysics, have enriched and extended Geomorphological mapping's scope, application and outcomes. Cartography is also a basic tool for Glaciology. Quite often, maps are the only witness of past glacier extensions and they are still useful to describe glacial retreat and change. Glacial mapping has also strongly changed during the last years, and now tools such as GIS, DEMs, Radar or Photogrammetry can provide measurements on glaciers volume or speed, which is important for glacial modelling or hydrological research, to name a few.

We welcome studies that show or discuss the use of traditional and new technologies in mapping landforms, deposits and ice, as well as how they can provide information for measurement, modelling or planning

