



## Glacial and Geomorphological Cartography

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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





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## Editor-in-Chief

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## Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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