



water

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## Transformation of Glacial and Periglacial Environments in Mountain Regions

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Deadline for manuscript  
submissions:  
**closed (31 October 2020)**

### Message from the Guest Editors

Dear Colleagues,

Current transformations of glacial and periglacial environments in mountain areas are among the clearest signs of degradation of the alpine cryosphere under sustained atmospheric warming.

These transformations have significant impacts on geoecosystems and society. The major concerns raised by the high climatic sensitivity of glacial and periglacial environments regard the future decrease in water availability, due to shifts in the streamflow regime that are caused by the melting of glaciers and ground ice, and the geomorphological hazards associated with increased slope instability and changes in the precipitation regime and phase.

We invite you to submit a manuscript that documents and analyzes transformations of alpine glacial and periglacial environments.

Papers that deal with the coupling of atmospheric and glacial/periglacial transformation processes are welcome, as well as contributions that are focused on impacts, innovative methodological approaches (such as new remote sensing techniques), monitoring series, and historical reconstructions.

For further reading, please visit the *[Special Issue website](#)*



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# Special Issue



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## Message from the Editor-in-Chief

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