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Remote Sensing Applications in Mountain Glaciers, Permafrost, and Snow Cover

Guest Editors:

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Deadline for manuscript submissions:

closed (30 November 2023)

Message from the Guest Editors

This Special Issue is intended to demonstrate the approach and discover its importance in tracking the changing mountain glaciers, permafrost and snow cover, as well as their implications. Therefore, we encourage you to submit papers on topics including but not limited to the following:

- Spatiotemporal distribution and changes of mountain glaciers, permafrost, and seasonal snow cover;
- Detection and attribution of mountain cryosphere change to climate change;
- Cryosphere services under changing climate;
- Ecosystem and services in response to cryosphere change;
- Mountain cryo-hydrology under changing cryosphere;
- Cryospheric hazards and disaster risks to mountain societies;
- Slope instability, thermokarst processes in mountain permafrost;
- Engineering and infrastructure in mountain cryospheric environment;
- Interplays of cryosphere changes and anthropogenic activities such as irrigation;
- Mountain cryosphere change, adaptation and sustainable development.





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Message from the Editorial Board

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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