



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

Guest Editors:

Prof. Dr. Fujun Niu

Dr. Shiwei Liu

Prof. Dr. Yubao Qiu

Dr. Ian Brown

Dr. Xiaoming Wang

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.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
Geological Survey (USGS), USGS
Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank: JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)