



## Emerging Remote Sensing Techniques for Monitoring Glaciers and Snow

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### Message from the Guest Editor

Dear Colleagues,

Seasonal and perennial snow, glaciers and ice sheets, are of critical importance in atmospheric studies, understanding of climate change, hydrological processes, and their variations have major societal implications on regional to global spatial scales. Remote sensing is a key way to access and monitor process over large space and time scales with consistency and relative efficiency. Remote sensing approaches are continuously evolving, and practitioners and communities have access to both better technology and a lengthening record that can improve monitoring and contribute to communities.

This special issue seeks papers advancing novel and emerging techniques for monitoring snow and ice extent, snow water equivalent, surface properties, and melt status using remote sensing. We seek contributions that include new sensors and tools as well as new approaches and synergies with historical datasets or citizen science. We hope to include approaches for a range of terrestrial environments, regions with differing needs, sensors, sensor combinations, and models.





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## Message from the Editor-in-Chief

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