



## Remote Sensing of Environmental Changes in Cold Regions

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Deadline for manuscript  
submissions:

**closed (31 July 2019)**

### Message from the Guest Editors

Cold regions including the northern high latitudes, polar regions, and Tibetan Plateau are highly sensitive to global warming and are undergoing dramatic changes in ecological, hydrologic, and climatic processes. This Special Issue focuses on, but is not limited to, the following topics:

- (1) Long-term monitoring of the dynamic changes of air temperature, glacier, snow cover, permafrost, lake bodies and ponds, river systems, and vegetation. Integration of multi-year and multi-source remote sensing data is highly encouraged;
- (2) Applying emerging remote sensing techniques to the mapping of land surface parameters. We are interested in studies related to SmallSats and CubeSats, Unmanned Aerial Vehicle (UAV), GNSS, and near-nadir SAR and InSAR imaging;
- (3) Investigating the use of current and future satellite missions such as SMAP, SMOS, and SWOT in monitoring hydrological and cryospheric parameters;
- (4) Interpreting massive remote sensing data based on cloud computation and machine learning techniques for cold region studies.





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## Message from the Editor-in-Chief

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