



Local Climate and Environmental Changes in High Latitudes Observed by Satellites

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Message from the Guest Editors

High latitudes are regions of accelerated and amplified climate change. A large number of studies documents the changes observed by ground-level stations. Although the satellite records are relatively short, their contribution to the monitoring and documenting of changes is essential for many areas of science and human activity as well.

This Special Issue invites contributions to close the knowledge gaps, to resolve methodological difficulties, and to improve penetration of the satellite remote sensing dataset in high latitudes. We hope to create a more coherent and holistic picture of the local climate and environmental changes in this remote region of our planet. As such, this collection of work will improve the scientific basis and demonstration cases of the Pan-Eurasian Experiment (PEEX; <https://www.atm.helsinki.fi/peex/index.php>), the Northern Eurasia Earth Science Partnership Initiative (NEESPI; <http://www.neespi.org/>), and the Year of Polar Prediction (YOPP; <https://www.polarprediction.net/>) collaborations.





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