



Satellite Earth Observation of Climate Change Effects on Glaciers and Ice Sheets

Guest Editors:

Dr. Dariusz Ignatiuk

Faculty of Natural Sciences,
University of Silesia in Katowice,
Katowice, Poland

dariusz.ignatiuk@us.edu.pl

Dr. Shridhar D. Jawak

Svalbard Integrated Arctic Earth
Observing System - Knowledge
Centre (SIOS-KC), Svalbard
Forskningspark, P.O. Box 156, N-
9171 Longyearbyen, Svalbard,
Norway

shridhar.jawak@sios-
svalbard.org

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Message from the Guest Editors

We invite articles that address satellite observations of the effects of climate change on the glaciers and ice sheets. The accelerating trend of climate warming is causing significant changes in the cryosphere and stimulating faster energy exchange between the atmosphere and glaciers (ice sheets). The observed disparities in meteorological parameters demonstrate regional differences in climate warming and the subsequent response of glaciers. Our ambition is to show these changes taking place in the Earth's cryosphere, as well as processes taking place in the atmosphere that have an impact on glaciers. Our aim is to compile articles showing the latest trends in the use of Earth observation and remote sensing methods for modelling, direct observations and new ideas, in order to understand cryospheric changes. Contributions using new sensors and platforms that consider the integration of datasets or calibration and validation (cal/val) analyses are especially welcome.

