Special Issue

Remote Sensing of Glaciers at Global and Regional Scales

Message from the Guest Editors

The advent of satellite remote sensing has led to a leap forward in our understanding of the state of the cryosphere as it provides regular, near-global coverage of the Earth's glaciated regions. In this Special Issue, we invite contributions focusing on recent and upcoming advances in the application of satellite remote sensing to monitoring changes in the state of the Earth's mountain glaciers and ice caps. This excludes the main ice sheets of Antarctica and Greenland, but we do welcome studies focusing on their peripheral glaciers and ice caps, including the Antarctic Peninsula. Potential topics include, but are not limited to:

- variations in the volume and mass of glacier regions from gravimetry, altimetry, photogrammetry, etc.
- changes in their extent and surface properties (such as surface albedo)
- changes in the flow behavior of glacier regions, e.g., surface velocity and discharge
- first results from recently launched satellites (e.g., ESA's Sentinels) and the potential of upcoming missions (e.g., ICESat-2, GRACE-FO)
- multi-platform merging and the combination of satellite observations with historical data sources

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2019)

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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.

Editor-in-Chief

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