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New Insights in Remote Sensing of Snow and Glaciers

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Deadline for manuscript submissions:
closed (31 December 2025)

Message from the Guest Editors

The dynamics of snow-covered and glaciated areas, in terms of spatial distribution and time evolution, is a key component of surface processes occurring at different latitudes, especially in polar regions. The combination between different platforms, different spatial and time scales, as well as different sensors, is the ideal strategy for observing the cryosphere. New technologies are an additional critical issue, and the collection of outcomes provided by observing programs, novel sensors or platforms is a high-impact tool. Data value is therefore a critical concept, since the transition from observations and measurements to data products and services is the best strategy for sharing knowledge between communities and for transferring constraints to policy makers.

The scope of this Special Issue is to collect research articles focused on, but not limited to, applications of remote-sensing data/techniques combined with other approaches to better monitor and/or understand processes occurring on snow-covered and glaciated areas, in different environmental frameworks. Manuscripts using novel approaches based on data integration and on multimission products are particularly welcome.

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Message from the Editorial Board

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.

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