Special Issue

Satellite and Airborne Remote Sensing for Snow Observation

Message from the Guest Editor

Obtaining frequent, accurate, and spatially and temporally well-covered information about snow requires the use of remote sensing and Earth observation methods. Spaceborne data can be used to map large regions and continents, whereas airborne measured data can give more accurate insight at a regional scale. In addition, the airborne measurements can augment spaceborne-derived estimates as an independent information and a source of validation. In particular, the development of unmanned aerial vehicles (UAVs) has been rapid in recent years. The purpose of this Special Issue is to present the state of the art of the remote sensing of snow using both satellite methods and airborne measurements. The utilization of UAVs is of special interest. In addition, the submission of papers using airborne measured data to improve and validate spaceborne-derived snow estimates is encouraged.

Guest Editor

Dr. Matias Takala

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Deadline for manuscript submissions

closed (30 July 2024)

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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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