

## Special Issue

# Study on Cryospheric Sciences Using Remote Sensing Technology

### Message from the Guest Editors

This Special Issue aims to collect and present the latest developments and advances in remote sensing technology and applications in cryospheric science. Topics may cover the role of remote sensing technology in regional- or global-scale studies of sea ice, lake ice, river ice, snow cover, glaciers, ice caps, ice sheets, frozen ground, and cryospheric ecosystems, in particular the development of new technologies and algorithms or applications of high-quality data from new platforms and sensors.

Articles may address, but are not limited, to the following topics:

Physical properties of components of the cryosphere related to remote sensing;

Snow and ice: properties, processes, hazards;

Remote sensing of ice sheets, ice shelves, and glaciers;

Remote sensing of snow and ice over sea, lake, and river;

Remote sensing of permafrost and frozen ground;

Remote sensing missions and the cryosphere;

Remote sensing of cryospheric ecosystems.

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### Guest Editors

Prof. Dr. Tonie Van Dam

Prof. Dr. Chang-Qing Ke

Prof. Dr. Xiaobing Zhou

Dr. Zheng Duan

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### Deadline for manuscript submissions

closed (30 June 2023)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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*Remote Sensing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)

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## About the Journal

### 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.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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