



## **RADARSAT Constellation Mission (RCM)**

Guest Editors:

**Dr. Masoud Mahdianpari**

**Dr. Fariba  
Mohammadimanesh**

**Dr. Brian Brisco**

**Dr. Bahram Salehi**

**Dr. Saeid Homayouni**

### **Message from the Guest Editors**

This Special Issue on “RADARSAT Constellation Mission” focuses on different applications and algorithm developments of data collected by RCM. We would like to invite articles on remote sensing applications using this state-of-the-art SAR data and in combination with other data and techniques. Submissions are encouraged to cover a broad range of topics, which may include, without being limited to, the following subjects:

- Ocean applications (e.g., sea ice monitoring, wind retrieval, iceberg and ship detection);
- Urban mapping;
- Climate change monitoring;
- Deformation measurements;
- Wetland mapping and monitoring;
- Biomass estimation;
- Glacier- and permafrost-related hazards;
- Surface soil moisture;
- Coastal changes;
- Agricultural applications;
- Large-scale mapping;
- Oil spill detection;
- Land cover classification;
- Ecosystem monitoring;
- Disaster management (mitigation, warning, response, and recovery);
- Data calibration.

Deadline for manuscript  
submissions:  
**closed (31 August 2021)**





an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

**Journal Rank:** JCR - Q1 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (*General Earth and Planetary Sciences*)

## Contact Us

*Remote Sensing* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)