



## Recent Progress and Applications on Multi-Dimensional SAR

Guest Editors:

### Dr. Bingnan Wang

National Key Laboratory of  
Microwave Imaging  
Technology/Aerospace  
Information Research Institute,  
Chinese Academy of Sciences,  
Beijing 100190, China

### Prof. Dr. Liangjiang Zhou

National Key Laboratory of  
Microwave Imaging  
Technology/Aerospace  
Information Research Institute,  
Chinese Academy of Sciences,  
Beijing 100190, China

Deadline for manuscript  
submissions:

**closed (30 September 2022)**

### Message from the Guest Editors

Dear Colleagues,

This topic aims to exhibit the observations and applications of multi-dimensional SAR using two or more dimensions, the resolution, frequency, polarization, angle and time, with an emphasis on innovative approaches, including new observation extraction methods, the development of new sensors and the expansion of new applications.

We would like to invite research papers featuring creative imaging mechanisms, advanced sensors, data processing, and feature extraction methods using multi-dimensional SAR. We especially welcome well-prepared, unpublished submissions addressing one or more of the above-mentioned topics.

- new concepts on multi-dimensional SAR
- new sensing technology
- imaging methods for multi-dimensional SAR
- multi-angular imaging for scattering characteristic analysis
- multi-temporal imaging for change detection
- multi-band imaging and data fusion
- polarimetric SAR interferometry
- polarimetric 3D image reconstruction





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, Grosspeteranlage 5  
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)