

## Special Issue

# Recent Advances in Signal Processing and Radar for Remote Sensing

### Message from the Guest Editors

This Special Issue aims to present the latest research results in the field of signal processing and radar techniques that are related to remote sensing, presented among others during the Signal Processing Symposium (SPSymo), Łódź, Poland, 2021, and also other radar and remote sensing conferences like the International Radar Symposium (IRS), Berlin, Germany 2021.

Topics include but are not limited to:

- Signal processing in remote sensing;
- Radar technologies and techniques for remote sensing;
- Microwave and THz radar imaging techniques;
- SAR and ISAR techniques;
- Passive radar imaging;
- Target detection and tracking;
- Target recognition and classification;
- Antennas, arrays, and beamforming;
- Space applications;

Measurement methods and systems related to remote sensing.

Dr. Matthias Weiss

---

### Guest Editors

Prof. Dr. Konrad Jędrzejewski

Institute of Electronic Systems, Faculty of Electronics and Information Technology, Warsaw University of Technology, 00-665 Warsaw, Poland

Dr. Matthias Weiß

Fraunhofer Institute for High Frequency Physics and Radar Techniques FHR, 53343 Wachtberg, Germany

---

### Deadline for manuscript submissions

closed (15 August 2022)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/88917](https://mdpi.com/si/88917)

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

[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)





# Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)



## 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.

---

### 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

---

### 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)