

Special Issue

Radar Data Processing and Analysis

Message from the Guest Editors

This Special Issue aims to highlight state-of-the-art developments in radar signal and data processing techniques and their applications, bringing together contributions from academia and industry. The Issue will highlight state-of-the-art solutions and applications, encouraging submissions that align with the journal's goals of presenting reproducible and impactful research. This Special Issue welcomes original research articles and review papers on a wide range of topics related to radar data processing and analysis. Suggested themes include, but are not limited to, the following:

- Remote sensing using radar techniques;
- Advanced radar signal processing techniques;
- Intelligent radar data analysis using machine learning and AI;
- Polarimetric radar and radar polarization signal processing;
- Passive radar systems;
- Distributed radar systems and networks;
- SAR imaging and applications;
- MIMO radar processing;
- Target detection, tracking, and recognition algorithms;
- Radar interference and anti-jamming technologies.

Guest Editors

Prof. Dr. Xingpeng Mao

Prof. Dr. Junkun Yan

Prof. Dr. Zhenhua Zhang

Prof. Dr. Yongzhen Li

Prof. Dr. Yun Zhang

Deadline for manuscript submissions

31 December 2025



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/224726

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)