

Special Issue

Advances in the Application of Spaceborne and UAS-Borne Radar Remote Sensing

Message from the Guest Editors

Key Scientific Themes: Within the scope of Earth and space sciences, this Special Issue invites contributors to delve deeply into the intricate scientific facets of spaceborne radar remote sensing. We enthusiastically encourage submissions that:

- Present the newest developments in radar technology designed for spaceborne missions.
- Highlight the critical role of radar in precise environmental and climate studies.
- Investigate the diverse applications of radar in planetary exploration, providing novel viewpoints on remote sensing.
- Demonstrate how spaceborne radar has transformed disaster management and mitigation techniques.
- Present innovative radar signal processing techniques and data analysis methodologies.
- Push the boundaries of scientific research and investigate how radar systems can use artificial intelligence and machine learning.
- Consider the difficulties and fascinating possibilities that autonomous radar systems present for future scientific research.

Guest Editors

Dr. Neda Rojhani

Dr. George Shaker

Prof. Dr. Massimiliano Pieraccini

Dr. Amir Hosein Oveis

Deadline for manuscript submissions

15 August 2026



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/187867

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 Editorial Board

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.

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)