remote sensing

IMPACT FACTOR 5.0

CITESCORE 7.9

an Open Access Journal by MDPI

Microwave Imaging of Subsurface Objects in Applications for Engineering Technologies: Instruments and Methods

Guest Editors:

Dr. Sergey I. Ivashov
Remote Sensing Laboratory, Bauman Moscow State Technical University, 105005 Moscow, Russia

Dr. Lorenzo Capineri
Ultrasound and Non Destructive Testing Laboratory, Department of Information Engineering, University of Florence, Via Santa Marta, 3, 50139 Firenze, Italy

Prof. Timothy D. Bechtel
Department of Earth & Environment, Franklin & Marshall College, Lancaster, PA 17603, USA

Deadline for manuscript submissions:
closed (31 March 2023)

Message from the Guest Editors

Currently, the microwave (MW) imaging of subsurface objects has numerous and useful applications. In some cases, it is impossible to propose other means that can compete with MW in the examination of opaque media. For example, we may mention ground-penetrating radars that provide the unique possibility of finding various subsurface objects ranging from land mines to tunnels and buried utilities.

We invite you to participate in a Special Issue of *Remote Sensing* (ISSN 2072-4292) with possible topics listed below:

- Impulse subsurface radar design and applications;
- Holographic subsurface radar design and applications;
- MW imaging in the non-destructive testing of composite materials;
- MW applications in archaeology and cultural resource investigations;
- MW imaging in the preservation and restoration of artworks and architecture;
- Land mines detection in humanitarian operations;
- Air- and space-based Earth and planetary research using radar;
- Security applications of MW;
- Algorithms for MW image processing.

This is an incomplete list of topics. You can propose a paper that describes another application of microwave imaging.

mdpi.com/si/82751

Special Issue

remote sensing

IMPACT FACTOR 5.0

CITESCORE 7.9

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

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
𝕏@RemoteSens_MDPI