

Special Issue

Radar Remote Sensing and Applications

Message from the Guest Editor

The purpose of this Special Issue is to provide a platform for the discussion of the major challenges, latest developments, and recent advances in radar remote sensing and SAR-related fields. Potential topics include, but are not limited to:

- Advanced radar sensing systems, algorithms, and technologies;
- Synthetic aperture radar (SAR) technologies and applications;
- Millimetre wave radar, Terahertz radar, and LIDAR techniques;
- Distributed radar, MIMO radar imaging, and applications;
- Advanced data acquisition and signal processing for radar applications;
- Novel designing of radar waveform, antenna, and systems;
- Simultaneous localization and mapping (SLAM) with radar sensors;
- Jamming and anti-jamming techniques for radar systems and applications;
- Image processing and multi-sensor fusion in remote sensing scenarios;
- Image interpretation and segmentation, object detection and recognition in radar remote sensing;
- Artificial intelligence and machine learning-based approaches to radar sensing;
- Sensing applications with radar in earth observation, ocean, agriculture, city, and so on.

Guest Editor

Prof. Dr. Shunjun Wei

School of Information and Communication Engineering, University of Electronic Science and Technology of China, Chengdu 611731, China

Deadline for manuscript submissions

closed (27 April 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/133944

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)