

Special Issue

Sensors and Sensing Technologies for Seismic Detection and Monitoring

Message from the Guest Editors

This Special Issue focuses on innovative sensors and sensing technologies applied to earthquake detection and monitoring. Topics of interest include, but are not limited to, the following:

- Low-cost and very low-cost sensing technologies for seismic monitoring;
- Optical sensing for seismic monitoring;
- Urban monitoring and structural health monitoring networks;
- Innovative data acquisition, fusion and transmission in seismic monitoring networks;
- Machine and deep learning in seismology and seismic data analysis;
- Earthquake early warning systems;
- Mobile crowd sensing for seismic sensing and early warning;
- Cloud and edge computing for seismic sensing and early warning.

Guest Editors

Dr. Lorenzo Palma

Prof. Dr. Paola Pierleoni

Dr. Alberto Belli

Deadline for manuscript submissions

25 December 2025



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/186087

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)