

## 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.

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### Guest Editors

Dr. Lorenzo Palma  
Prof. Dr. Paola Pierleoni  
Dr. Alberto Belli

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### Deadline for manuscript submissions

closed (25 December 2025)



## Sensors

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## 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.

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### Editor-in-Chief

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