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Advanced Sensor Networks/Seismic Networks and Monitoring for Earthquakes and Phenomena Having a Seismic Signature

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Deadline for manuscript
submissions:

closed (15 September 2022)

Message from the Guest Editors

Dear Colleagues,

The study of earthquakes is of global interest, mainly because the comprehension of such phenomena is useful to safeguard human lives. To this aim, tools (such as seismic networks and arrays, but also data analysis procedures) by which detect and localize from small to large magnitudes earthquakes quickly and accurately are fundamental. Since the last few years, advances in technology have allowed seismologists to design seismic networks more and more sophisticated (with boreholes or ocean bottom sensors). At the same time, potentially interesting seismological information can be obtained by instruments developed for different purposes (e.g., optical fiber, geophones, rotational sensors).

In this special issue we aim to collect scientific papers focused on advanced techniques of seismic monitoring or data analysis of natural and anthropogenic events. Also, contributions from studies carried out by ‘unconventional’ seismic networks are welcome.



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Special Issue



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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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