

Special Issue

Radars, Sensors and Applications for Applied Geophysics

Message from the Guest Editors

This Special Issue aims to collect contributions on radar systems and their interactions with the discipline of Applied Geophysics in its wide applications in Earth sciences, civil engineering, engineering geology, hydrology and hydrogeology, natural environments, risk management, archaeology and Cultural Heritage, just to name a few.

Satellite, aerial, and ground-based platforms allow scientists and practitioners to inspect or monitor targets of study with radar data, and their possible integration with other geophysical and diagnostical datasets and technologies. Potential topics include but are not limited to:

- satellite, aerial and/or ground-based radar
- synthetic aperture radar (SAR)
- real aperture radar (RAR)
- interferometric RAR/SAR data
- GNSS reflectometry (topic to be handled by Sensors' Associate Editors)
- ground-penetrating radar (GPR)
- SAR polarimetry
- data processing and interpretation
- signal enhancement
- portable radar systems
- radar applications to societal issues
- Integration of data and sensors
- integration and fusion with other geophysical and diagnostics techniques

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Deadline for manuscript submissions



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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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