

Special Issue

Advanced Radar Techniques, Applications and Developments

Message from the Guest Editor

In the past few years, a large amount of synthetic aperture radar (SAR) data has become available in data archives. Many different fully automated applications, methods, and tools using single, dual, or quad polarizations explore the properties of SAR data using the latest trends in computer vision and remote sensing. Researchers have been making a strong effort to provide intelligence to the data and radar sensors. This Special Issue aims to report the latest advances and trends in radar systems, small radars, and radar data exploration concerning physical parameter extraction using artificial intelligence and machine learning applied to the SAR and remote sensing data. Papers of both theoretical and applicative nature are welcome, as well contributions regarding advanced methods in small radar system design and radar data exploitation such as backscatter, interferometric phase, coherence, and polarimetric decompositions.

Guest Editor

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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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