

Special Issue

SAR Imaging Technologies and Applications

Message from the Guest Editor

Synthetic aperture radar (SAR) has long been an intensely researched topic due to its all-day all-weather remote sensing capabilities. This Special Issue aims to publish the latest research advances in 1) SAR/ISAR system design and imaging techniques; 2) video SAR; 3) bistatic/multistatic SAR techniques, which outperform their monostatic counterparts in low probability of interception (LPI), anti-stealth, flexibility, coverage rate, and target feature extraction; and 4) scene classification, segmentation, and automatic target recognition (ATR), which include cross-modality scene/target classification network design based on aligned optical/infrared-SAR data, as well as benchmark real-synthetic SAR dataset construction to support context-drive ATR in diverse locations (such as airports, harbors, urban scenarios) and the development of continuous-learning/prototype-learning/incremental learning algorithms with the goal of learning new target categories from the samples collected from the deployment environment.

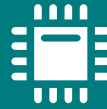
Guest Editor

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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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