Recent Advances in Radar Imaging

Guest Editor:

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Deadline for manuscript submissions:
closed (20 March 2022)

Message from the Guest Editor

This Special Issue aims to gather the latest research results in the area of radar technology using active and/or passive radar imaging techniques in different applications, both military and civilian.

The rapid growth of the technology, the availability of enhanced computational resources, the development of new signal processing techniques, have made the implementation of radar imaging techniques more effective and also feasible on passive radar systems. This class of radars have gained a renewed interest from the worldwide scientific community thanks to their advantages over active radar systems (e.g., covertness, no e.m. emission, low vulnerability to electronic countermeasure, counter-stealth advantage) and to the advances in the technology which have made the realization of real time systems feasible and affordable.

This Special Issue aims at collecting papers on recent advancements in the area of active and/or passive radar imaging covering both passive synthetic-aperture radar (SAR) and inverse synthetic aperture radar (P-ISAR) imaging.

mdpi.com/si/81542

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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