Special Issue

Recent Advances in Passive Radars Imaging

Message from the Guest Editor

Passive radar systems have gained a renewed interest from the worldwide scientific community. This is partly due to their advantages over active radar systems (e.g., covertness, no e.m. emission, low vulnerability to electronic countermeasure, counter-stealth advantage) and partly because of the rapid growth of the technology and COTS components that have made the realization of real time systems feasible and affordable. As research in this field progresses, new radar functionalities are added to passive radar systems to make them able to handle several tasks and to be applied to different scenarios. One of such scenarios is radar imaging of non-cooperative targets, which enables the estimation of target dimensions for classification purposes or a variety of other target recognition approaches. This Special Issue aims at collecting papers on recent advancements in the area of passive radar imaging covering both passive synthetic-aperture radar (SAR) and passive inverse synthetic aperture radar (P-ISAR) imaging.

Guest Editor

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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.

Editor-in-Chief

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