Target Recognition in Synthetic Aperture Radar Imagery

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Message from the Guest Editors

Dear Colleagues,

In recent years the interest towards the development of algorithms aimed at automatically classifying targets in Synthetic Aperture Radar (SAR) images is growing more and more.

The scope of this Special Issue is to provide an overview of signal processing methods for target recognition. Contributions to the body of knowledge in the field could be from polarimetric synthetic aperture radar (SAR), inverse SAR (ISAR) and passive bistatic radar, with applications of interest in automatic target recognition (ATR) and its lower level tasks (identification, characterization and fingerprinting).

The application of Artificial Intelligence (AI) techniques to ATR are also very welcomed, as it recently proved to represent an interesting and useful alternate processing strategy. The efforts in this field should highlight the capabilities and limitations of AI for effective application to ATR problems.

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Special Issue

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Message from the Editor-in-Chief

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