



Recent Advances in Synthetic Aperture Radar Image Analysis, Modelling, Enhancement and Information Extraction

Guest Editor:

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Deadline for manuscript
submissions:

closed (28 February 2021)

Message from the Guest Editor

Synthetic aperture radar (SAR) is an all-weather, 24 hour, coherent remote sensing technique used in spaceborne, airborne, and ground platforms for providing mid to high-resolution imaging data. SAR images are widely available and used to systematically monitor the natural environment, particularly changes due to human or environmental activities. Recent advances in Artificial Intelligence (AI) gives many opportunities to propose new approaches to existing applications.

We would like to invite researchers to submit papers with recent research in the topics of information extraction:

- SAR image analysis, processing and enhancement using AI
- Methods, models and inversion supported by Artificial Intelligence for SAR, PolSAR and InSAR
- SAR for damage detection and mapping
- Inverse SAR applications
- SAR displacement monitoring and applications
- Change detection using SAR, ISAR or GPR
- Ground-Based SAR Radars design and data exploration
- SAR for Ground-penetrating radars; Information extraction using recent advances in Artificial intelligence





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Message from the Editor-in-Chief

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