Special Issue

SAR Tomography of Natural Media

Message from the Guest Editors

The introduction of Synthetic Aperture Radar (SAR) Tomography marked a milestone in the development of SAR applications and technologies. Space agencies, in the first place, have increasingly been investing on SAR tomography in the last years, funding both airborne and ground-based campaigns for evaluating the potentials of SAR tomography in the context of spaceborne remote sensing. Results by different research teams demonstrated SAR Tomography capable of characterizing the interior structure of natural media, such as forested areas, snow, ice sheets and glaciers, well beyond the limits of conventional SAR imagery and SAR interferometry. These outstanding scientific achievements have been flanked by the introduction of new data processing methods, including enhanced algorithms for phase calibration, focusing from incomplete or irregular data, space/time multi-dimensional analysis, and full three-dimensional focusing methods. Following this brief introduction, we would like to invite you to participate in a special issue of Remote Sensing focusing on SAR tomography of natural media. We encourage both experimental and theoretical contributions.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2021)

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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