Special Issue

SAR and Multisource Remote Sensing: Challenges and Innovations

Message from the Guest Editors

In the rapid development of remote sensing technology, synthetic aperture radar (SAR) images have occupied an important position in the field of earth observation due to their all-weather and all-day imaging capabilities. Hyperspectral imaging (HSI) is a technique that reveals the properties of objects by capturing their reflectance or radiance across multiple spectral bands, typically ranging from dozens to hundreds. It finds extensive applications in fields such as land cover classification, environmental monitoring, and mineral resource exploration. The Special Issue will focus on new methods for SAR and HSI image processing, including but not limited to, noise reduction, feature extraction, target recognition, and change detection. Additionally, the fusion and interpretation of multisource remote sensing data (SAR, HSI, or others) have become important significance to enhance the accuracy and reliability of remote sensing information extraction. This Special Issue aims to gather the latest research findings, showcasing cutting-edge advancements and innovative applications in the interpretation of SAR, HSI and multisource remote sensing images.

Guest Editors

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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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