

## Special Issue

# SAR Images Processing and Analysis

### Message from the Guest Editors

The synthetic aperture radar (SAR), an active microwave sensor, is featured by all-day, all-weather, and long-distance observation capabilities. In recent years, it has achieved rapid progress in system design, signal processing, and information acquisition, and played significant roles in civil (e.g., topography, geology, and disaster monitoring) and military applications (e.g., battlefield reconnaissance and tactical assessment). We welcome topics including, but not limited to:

- SAR image processing, including image formation, image denoising/interference mitigation, image enhancement, etc.
- SAR image interpretation, including SAR image segmentation, feature extraction and fusion, SAR target detection and classification, change detection, etc.
- Advanced SAR processing techniques, including few-shot and zero-shot recognition, incremental learning in an open environment, lightweight/physical interpretable deep neural networks, integrated imaging and detection/classification networks, etc.
- New SAR image data sets.

### Guest Editors

Prof. Dr. Xueru Bai

Prof. Dr. Gangyao Kuang

Prof. Dr. Xiaolan Qiu

Prof. Dr. Ying Luo

Prof. Dr. Deliang Xiang

### Deadline for manuscript submissions

closed (31 May 2023)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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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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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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