

## Special Issue

# Multi-Object Detection and Feature Extraction of Remote Sensing Images

### Message from the Guest Editors

This Special Issue explores advances in multi-object detection and feature extraction for remote sensing images across diverse scenarios. Focusing on deep learning, transformer architectures, and multi-modal fusion, we aim to enhance feature representation and improve detection accuracy in complex environments, aligning with this journal's mission to promote innovation in remote sensing technology. By publishing theoretically novel and practically significant research, we seek to support the intelligent automation of remote sensing in key applications like environmental monitoring, smart cities, and precision agriculture, advancing both the science and real-world impact of the field. Topics may range from innovations in classical object detection or feature extraction techniques to the development of novel algorithmic frameworks. We particularly welcome research addressing key challenges such as varying target scales, background clutter, and feature extraction/fusion.

### Guest Editors

Dr. Yu Zhang

Prof. Dr. Yan Zhang

Dr. Zhiguang Shi

Dr. Ruigang Fu

### Deadline for manuscript submissions

30 January 2026



## 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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