# Special Issue

# Advances in Multi-Source Remote Sensing Data Fusion and Analysis

## Message from the Guest Editors

With the rapid development of aerospace and sensor technologies, the costs of satellite manufacturing and launch have significantly decreased, making it possible to obtain types of various remote sensing data, such as hyperspectral, panchromatic, LiDAR, and SAR data. The remote sensing data from different sensors provide a more comprehensive representation of ground objects on the Earth's surface. However, the increasing variety of multi-source remote sensing data also imposes higher demands on data processing techniques. Due to the differences in imaging principles, sensor parameters, and atmospheric conditions among various remote sensing platforms, it is crucial to develop advanced methods for multi-source remote sensing image fusion and analysis, thus generating reliable quantitative results for practical applications.

This Special Issue aims to share valuable and rigorous research related to multi-source remote sensing data processing topics such as fusion, classification, change detection, etc.

## Guest Editors

Dr. Jiahui Qu

Prof. Dr. Qian Du

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Prof. Dr. Jiangtao Peng

## Deadline for manuscript submissions

28 February 2026

# About the Journal

### 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.

### Editor-in-Chief

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