

## Special Issue

# Recent Progress on Remote Sensing Change Detection and Application Driven by AI

### Message from the Guest Editors

The special issue welcomes articles concerning novel approaches or case studies to the study of remote sensing change detection. Topics can be related but not limited to:

- Change detection using heterogeneous remote sensing imagery
- Polarimetric SAR change detection
- Hyperspectral remote sensing change detection
- Weak and Small area change detection
- Self-supervised learning for change detection
- Adversarial learning for change detection
- Explainable AI for change detection
- Reliability AI for change detection

### Guest Editors

Dr. Xinzheng Zhang

Dr. Ce Zhang

Prof. Dr. Hong Huang

### Deadline for manuscript submissions

closed (31 July 2025)



## Remote Sensing

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an Open Access Journal  
by MDPI

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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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