

## Special Issue

# Multi-Source Remote Sensing for Environmental Component Monitoring and Target Detection

### Message from the Guest Editors

This Special Issue invites manuscripts introducing recent advances in “Multi-Source Remote Sensing for Environmental Component Monitoring and Target Detection”. All theoretical, numerical, and experimental papers are accepted. Topics include, but are not limited to, the following:

- New atmospheric detection technologies and methods (such as Lidar, Radar, SAR, Airborne, Satellite, Spectrometer, UAV, etc.).
- Multi-source remote sensing technology in climate change, environmental monitoring, pollution transport, ocean change, and ecosystems.
- Effects of turbulence, solar irradiance, water vapor flux, and vegetation coverage on the interaction of environment and climate.
- Novel spatiotemporal intelligence method of multi-source remote sensing data.
- Novel/optimized algorithms in multi-platform sensors (Satellite, SAR, Lidar, Sonde, Radar, UAV, etc.).
- Lidar and infrared technology in target detection, 3D imaging, and spatial localization.
- Novel single photon technology and GM-APD in target detection and remote sensing.

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### Guest Editors

Dr. Tao Luo

Dr. Juhua Luo

Dr. Jianfeng Sun

Dr. Jianfeng Chen

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### Deadline for manuscript submissions

30 June 2026



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## About the Journal

### Message from the Editorial Board

*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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### Editors-in-Chief

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