

## Special Issue

# Remote Sensing and Machine Learning of Signal and Image Processing

### Message from the Guest Editors

With the development of remote sensing (RS) observation technology, many remote sensing images can be produced daily. These remote sensing images contain rich information to support various applications, such as urban planning, land resource management, etc. Exploring the important knowledge from those abundant RS images effectively is a necessary and urgent task. Diverse machine learning methods have recently been used to interpret RS images, accelerating intelligent interpretation in the remote sensing community. However, due to the complex contents of RS images and specific application requirements, progressive technologies still need to be explored to fully understand RS images. This Special Issue encourages the submission of papers on advanced machine learning and image processing techniques for remote sensing. We welcome topics that include but are not limited to:

- Remote sensing land-cover/scene classification;
- Content-based remote sensing image retrieval;
- Remote sensing object detection;
- Remote sensing change detection;
- Multimodel fusion for remote sensing;
- Remote sensing super-resolution.

### Guest Editors

Dr. Xu Tang

Prof. Dr. Yansheng Li

Prof. Dr. Lichao Mou

Prof. Dr. Xiangrong Zhang

Prof. Dr. Licheng Jiao

### Deadline for manuscript submissions

closed (31 January 2024)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## 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.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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