Special Issue

Intelligent Processing and Analysis of Multi-Modal Remote Sensing Data

Message from the Guest Editors

This Special Issue aims to compile recent works in this field that provide methodological contributions and innovative applications. Novel research that employs intelligent methods to address practical problems in remote sensing applications is also welcome. The scope of this Special Issue includes, but is not limited to, the following topics:

- Intelligent image processing for remote sensing, including restoration (denoising, deblurring and dehazing), super-resolution, enhancement, registration, pan-sharpening, etc.;
- Unsupervised/weakly-supervised/self-supervised learning for image processing and analysis of remote sensing data;
- Data fusion/multi-modal data analysis;
- Domain adaption for cross-modal data analysis;
- AI methods for image/scene classification;
- AI methods for target detection/recognition/tracking;
- Cloud detection and removal in remote sensing images;
- Change detection/semantic segmentation for remote sensing;
- Large models for remote sensing;
- Deep learning for remote sensing applications.

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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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