Special Issue

Advanced Technology for Remote Sensing Image Analysis and Applications

Message from the Guest Editors

Due to the rapid development of sensors in recent years, remote sensing imaging technology has made great progress and has been applied in many fields. Remote sensing images are surface images collected from high-altitude or remote devices such as satellites and airplanes. Compared to traditional ground measurement methods, remote sensing images have a wide coverage area and strong diversity, which can cover surface information of different periods, regions, and scales. Remote sensing images can be divided into various types, including infrared images, multispectral images, hyperspectral images, etc. Remote sensing images are widely used in some applications such as earth science, environmental science, agriculture and forestry, urban planning, etc. The topics include, but are not limited to, the following:

- Image enhancement;
- Semi supervised image classification;
- Image segmentation;
- Optical/hyperspectral/multispectral image analysis;
- Object-based image understanding;
- Change/anomaly detection;
- Multimodal fusion;
- Cross-scene image processing;
- Domain-adaptation/few-shot learning-based methods;
- On-board image compression;

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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.

Editor-in-Chief

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