



Remote Sensing Image Classification and Semantic Segmentation

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Message from the Guest Editors

Dear Colleagues,

In recent decades, deep learning techniques have had a significant effect on remote sensing data processing and analysis, especially in image classification and semantic segmentation. This Special Issue aims to develop state-of-the-art deep networks for more accurate remote sensing image classification and semantic segmentation. Furthermore, it also aims to achieve a cross-domain performance with high efficiency through a lightweight network design.

This Special Issue encourages authors to submit research articles, review articles, or application-oriented articles on topics regarding remote sensing image classification, semantic segmentation, detection, spectral super-resolution, and understanding-related works; these include, but are not limited to, the following topics:

- Machine/deep-learning-based algorithms;
- Remote sensing image processing and pattern recognition;
- Image classification;
- Semantic segmentation;
- Target detection/change detection;
- Image or data fusion/fusion classification;
- Lightweight deep neural networks;
- Domain-adaptation/few-shot-learning/meta-learning-based algorithms;
- Onboard real-time 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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