



Advances in Deep Learning Approaches in Remote Sensing

Guest Editors:

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Deadline for manuscript
submissions:

closed (15 January 2024)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to investigate the cutting-edge applications of deep learning in remote sensing. We invite research contributions and surveys in this area. Potential topics may include, but are not limited to, the following:

- Deep learning techniques for feature extraction of remote sensing data;
- Deep learning approaches for land cover and scene classification and clustering;
- Multimodal deep learning and the fusion of multimodal remote sensing data;
- Geometric deep learning for hyperspectral image processing;
- Super-resolution reconstruction based on deep learning methods;
- Change and object detection using deep learning methodologies;
- Self-/un-/semi-/supervised methods for interpretation of remote sensing data;
- Semantic segmentation of remote sensing images;
- New remote sensing datasets





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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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