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Deep Learning and Computer Vision in Remote Sensing-III

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Deadline for manuscript submissions:
closed (31 October 2024)

Message from the Guest Editors

Dear Colleagues,

We are pleased to announce this Part III Special Issue, which will follow on from Part I and II, focusing on deep learning and computer vision methods for remote sensing. This Special Issue will provide researchers with the opportunity to present the recent advances in deep learning, with a specific focus on three main computer vision tasks: classification, detection and segmentation. We seek collaborative contributions from academia and industry experts in the fields of deep learning, computer vision, data science, and remote sensing.

The scope of this Special Issue includes, but is not limited to, the following topics:

- Satellite image processing and analysis based on deep learning;

- Deep learning for object detection, image classification, and semantic and instance segmentation;

- Deep learning for remote sensing scene understanding and classification;

- Transfer learning and deep reinforcement learning for remote sensing;

- Supervised and unsupervised representation learning for remote sensing environments;

- Applications

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Message from the Editorial Board

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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