Machine Learning Approaches for Semantic and Instance Segmentation in Remote Sensing

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Message from the Guest Editors

We are thrilled to announce the continuation of our successful Special Issue in the journal *Remote Sensing*. This volume invites contributions from researchers specializing in semantic and instance segmentation for remotely sensed imagery. This encompasses cutting-edge machine learning and deep learning approaches that are applicable to a wide spectrum of remote sensing data, extending beyond hyperspectral images.

Articles may address, but are not limited to, the following topics:

- Semantic and instance segmentation in remote sensing data;
- Supervised machine learning for image segmentation and object detection;
- Deep learning techniques for multispectral/hyperspectral image analysis;
- Novel approaches for feature extraction;
- Insights from applying state-of-the-art deep learning scenarios.

Special Issue

Editor-in-Chief

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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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