



Advances in Deep Learning Models for Satellite Image Analysis

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Message from the Guest Editors

This Special Issue will publish review and research documents on advanced deep learning models, including but not limited to innovative CNN, graph, and vision transformer-based deep learning techniques for remote sensing applications, focusing on tasks that discuss the field's issues.

Potential topics of interest are listed below:

- Deep learning-based remote sensing image processing (image classification, object detection, semantic segmentation, pan-sharpening, image enhancement, and change detection)
- Unsupervised, semi-supervised, self-supervised, graph, adversarial, active, and transfer learning for dealing with scarcity and/or low-quality of data sets.
- Knowledge acquisition of deep learning architectures and algorithms for remote sensing images
- Novel benchmark datasets for remote sensing image interpretation
- Vision Transformer (ViT) in remote sensing





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Message from the Editor-in-Chief

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