



Deep Neural Networks for Hyperspectral Remote Sensing Image Processing

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to explore features that truly benefit hyperspectral remote sensing interpretation tasks and provides a forum for many individuals working in deep-learning-based hyperspectral image processing to report their research findings and share their experiences with the HSI community. All contributions to deep neural networks for hyperspectral remote sensing image processing are welcome to this Special Issue. Topics of interest include, but are not limited to, the following:

Deep neural networks for target detection, band selection, and classification in hyperspectral images.

Deep learning for surface parameters retrieval from thermal infrared images.

Deep feature extraction for multi-source remote sensing images.

The hybrid architecture of CNN and transformer for hyperspectral applications.

Feature fusion and learning for hyperspectral image processing.

Light-weight design of deep models.

Review/surveys of recent applications and techniques of hyperspectral images.





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Message from the Editor-in-Chief

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