

Special Issue

Deep Learning for Spectral-Spatial Hyperspectral Image Classification

Message from the Guest Editors

This Special Issue encourages researchers to submit original research papers, reviews, or surveys. Submissions should adhere to high scientific standards, demonstrate the significance of their contributions, and offer clear experimental validation. We welcome submissions that address both theoretical advancements and real-world applications. This Special Issue aims to cover a wide range of topics related to deep learning for spectral-spatial hyperspectral image classification, including but not limited to:

- Development and optimization of deep neural network architectures tailored for hyperspectral data.
- Spectral and spatial information fusion in deep learning models.
- Dimensionality reduction methods for hyperspectral data pre-processing.
- Transfer learning and domain adaptation in hyperspectral image classification.
- Data augmentation and label noise learning.
- Benchmark datasets for hyperspectral classification.
- Explainable deep learning.
- Applications in environmental monitoring, agriculture, mineral exploration, and more.
- Integration of multi-modal data sources with hyperspectral imagery.

Guest Editors

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Deadline for manuscript submissions

closed (25 January 2025)



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About the Journal

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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