

Special Issue

Spectral Data Meets Machine Learning: From Datasets to Algorithms and Applications

Message from the Guest Editors

This Special Issue welcomes papers that present innovative methodological advancements, latest results and findings of application-oriented work concerning the analysis of multispectral or hyperspectral data. Besides original work, this Special Issue is intended also to include selected papers representing an extension of work presented at the 2nd HyperMLPA workshop (<http://www.spectroexpo.com/hypermlpa/>). Topics include but are not limited to:

- Spectral data processing
- New benchmark datasets
- Feature extraction, feature selection, dimensionality reduction, and data fusion
- Supervised and unsupervised machine learning
- Classification/segmentation
- Regression
- Change detection
- Deep learning approaches
- Multi-temporal analysis
- Applications for environmental monitoring and industrial processes

Guest Editors

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Dr. Martin Weinmann

Deadline for manuscript submissions

closed (28 February 2023)



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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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