



Advances in Hyperspectral Data Exploitation

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Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to publish new ideas and findings in hyperspectral data exploitation. Specifically, the following areas are of particular interest.

- Developing new ideas and techniques: Anomaly detection, subpixel target detection; Band selection, dimensionality reduction, data compression; Compressive sensing; Low rank and sparse representation; Unsupervised learning, active learning, deep learning; Data/sensor/information fusion; Endmember finding, extraction, variability; High performance computing; Hyperspectral image classification; Hyperspectral unmixing;
- Algorithm design, architecture, and implementation: Real-time processing; Parallel processing; GPU/FPGA;
- Applications of hyperspectral imaging: Agriculture including detection of diseases, pesticide residuals for produces and crops; Environmental monitoring including toxic wastes, water pollution, oil spills, and sewage; Forest and plantation including species detection and classification.





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Message from the Editor-in-Chief

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