

Special Issue

Trends and Prospects in Hyperspectral Remote Sensing Images Processing and Analysis

Message from the Guest Editors

Currently, hyperspectral remote sensing is widely used in many fields, such as precision agriculture, geological surveys, land and resource surveys, atmospheric environment analysis, and military target detection. Hyperspectral image processing and analysis play the crucial role for the above applications, such as anomaly detection, denoising, super-resolution, object detection, fusion, classification, unmixing, etc. Therefore, the main purpose of this Special Issue is to showcase recent techniques and trends used for processing and analyzing hyperspectral remote sensing images and to promote the development of spectral imaging technologies. This Special Issue aims to collect studies concerning hyperspectral remote sensing image processing and analysis, especially for the new methods, frameworks, trends, and prospects. Research areas may include (but are not limited to) the following:

- Hyperspectral image anomaly detection;
- Hyperspectral image denoising;
- Hyperspectral image super-resolution;
- Hyperspectral image object detection;
- Hyperspectral image fusion;
- Hyperspectral image classification;
- Hyperspectral image unmixing;
- Hyperspectral video tracking.

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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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