Special Issue

Imagery Classification and Feature Extraction Based on Hyperspectral Remote Sensing

Message from the Guest Editors

Hyperspectral remote sensing can provide abundant spectral information on objects, thereby realizing sub-pixel and material-level identifications. As such, it plays a huge role in precision agriculture, national defense and military, water quality testing, mineral exploration, and other fields. In recent years, with the development of aerospace technology, the amount of earth observation data and data sources have increased day by day. The efficient processing and application breakthrough of remote sensing big data have become pain points and difficulties that urgently need to be solved. Especially under the current wave of large AI models, the collision of artificial intelligence and remote sensing will bring huge innovations to remote sensing related technologies and push the remote sensing industry into a new development cycle. This Special Issue will focus on state-of-the-art or newly developed methods for the classification and feature extraction of hyperspectral remote sensing images.

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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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