

Special Issue

Change Detection and Classification with Hyperspectral Imaging

Message from the Guest Editors

Hyperspectral imaging is a pivotal technology in the field of remote sensing, offering high-resolution spectral information for Earth observation. This technology excels in capturing subtle spectral differences, which is crucial in monitoring natural and human-induced changes. Despite significant advancements, several challenges remain in classifying and interpreting these spectral signatures with high accuracy and in capturing and detecting essential changes over time. The incorporation of machine learning and artificial intelligence promises to unlock new levels of accuracy and efficiency in classification and change detection. This Special Issue will bring together the latest research and innovative methodologies in hyperspectral image classification and change detection. We will also explore the potential of hyperspectral technology in various applications, bridging the gap between theoretical research and practical applications, including, but not limited to, environmental monitoring, urban planning, and agricultural management.

Guest Editors

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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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