



Change Detection and Classification with Hyperspectral Imaging

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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.





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Message from the Editor-in-Chief

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