



Image Fusion and Object Detection Using Multi-Modal Remote Sensing Data

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Message from the Guest Editors

This Special Issue aims to study all techniques designed for image fusion and object detection from multi-modal remote sensing data, ranging from multispectral, hyperspectral, panchromatic, thermal, and SAR data. Topics from conventional machine learning techniques and model-driven techniques to the most recent deep learning techniques may be covered. Applications and reviews about the aforementioned techniques are also welcome for submission to this Special Issue, as they can give helpful guidance for future-related studies. Articles may address, but are not limited, to the following topics:

- Remote sensing image fusion;
- Remote sensing image classification;
- Remote sensing image instance segmentation;
- Object detection and tracking;
- Benchmark dataset creation;
- Deep neural network optimization;
- Multi-modal data analysis and fusion;
- Applications of image fusion;
- Applications of object detection;
- Review of images fusion;
- Review of object detection;
- Review of image classification.





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