



Multi-Sensor Data Fusion of Unmanned Aerial Vehicles (UAVs) Remote Sensing for Environmental Applications

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Message from the Guest Editors

This Special Issue focuses on the use of multi-sensor imagery from unmanned aerial vehicles (UAVs) in environmental applications. Papers dealing with the issue of data fusion in the mapping and monitoring of vegetation are very welcome. The application of UAV sensors and platforms for remote sensing and mapping the environment has received considerable attention among researchers due to the high spatial resolution, flexibility in the acquisition and sensor integration and cost-effectiveness of UAVs compared with manned aircraft. The increasingly widespread use of the geographic object-based image analysis (GEOBIA) approach in processing allows researchers to address the high spectral variability of the ultra-high-resolution imagery provided by UAVs. Machine learning algorithms and proper segmentation algorithms and software suites can significantly improve the speed and the quality of mapping and monitoring of vegetation.

Researchers are encouraged to submit valuable research findings that address the mentioned issues from a wide variety of perspectives.





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Message from the Editor-in-Chief

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