



Advanced Application of Artificial Intelligence and Machine Vision in Remote Sensing (Third Edition)

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Message from the Guest Editor

Dear Colleagues,

In this Special Issue, we invite scholarly manuscripts proposing frameworks that combine machine vision with state-of-the-art AI techniques and geospatial information systems to automate the processing of remotely sensed imagery from diverse sources, including drones, LiDAR, radar, SAR, and multispectral sensors. The primary objective is to achieve higher precision in a range of spatial applications, from urban planning to environmental studies, weather and climate analysis, the energy sector, natural resource management, landscape assessment, and geo-hazard monitoring.

As we explore this Special Issue, we anticipate groundbreaking contributions that will reshape urban planning and related domains. These endeavors, enriched by drone-based and LiDAR-based image processing, alongside innovative image processing AI, will guide us towards a more intelligent, efficient, and sustainable future.





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Message from the Editor-in-Chief

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