



## Advanced Applications of Artificial Intelligence in Remote Sensing Image Recognition

Guest Editors:

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### Message from the Guest Editors

This Special Issue aims to explore the latest advances, challenges and application prospects of AI in the field of remote sensing. The topics may cover new theories, methods and applications of AI technology in remote sensing data processing, remote sensing image analysis and remote sensing applications.

Articles may address, but are not limited to, the following topics:

Remote sensing monitoring of major crop pests and diseases based on artificial intelligence technology;  
Application of deep learning in spatio-temporal big data for forest monitoring;  
Deep learning for crop classification with remote sensing data;  
Application of artificial intelligence and remote sensing in frontier research on agricultural meteorological disasters;  
Environmental remote sensing monitoring with artificial intelligence technology;  
Application of artificial intelligence in change detection and monitoring;  
Hyperspectral/multispectral/optical remote sensing image quality enhancement and restoration with artificial intelligence technology;  
Remote sensing image interpretation with artificial intelligence technology.





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## Message from the Editor-in-Chief

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