



Advanced Artificial Intelligence for Remote Sensing: Methodology and Application

Guest Editors:

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Deadline for manuscript
submissions:

closed (1 June 2021)

Message from the Guest Editors

Topics of interests include but are not limited to:

- Advanced AI models for remote sensing data understanding, such as convolutional neural networks, generative adversarial networks, transformer, sparse coding, adversarial attack, AutoML, etc.;
- Novel applications of AI models for remote sensing, such as transportation, smart city, agriculture, UAV, geophysics, urban planning, etc.;
- Emerging computer vision, signal processing, and evolutionary algorithms for remote sensing;
- Transfer learning and domain adaptation for remote sensing with limited data;
- Weakly supervised learning for remote sensing with weak supervisions;
- AI methods and applications for satellite, multispectral, hyperspectral, and UAV images;
- Semantic remote sensing image segmentation;
- Detection for interested objects and changes for remote sensing.





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Message from the Editor-in-Chief

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