

Special Issue

Advanced Artificial Intelligence for Remote Sensing: Methodology and Application

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.

Guest Editors

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Dr. Dan Simon

Dr. Jianwu Fang

Dr. Sudipan Saha

Deadline for manuscript submissions

closed (1 June 2021)



Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



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About the Journal

Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Dr. Prasad S. Thenkabail

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