Special Issue

Advanced Machine Learning Approaches for Analysis of Remote Sensing Images

Message from the Guest Editors

The quality (spatiotemporal resolution) and quantity of remote sensing data have recently increased multiplied. Similarly, machine learning and image processing methods have also drastically improved for big data analytics. The scale and complexity of machine learning approaches and the availability of multi-source remote sensing data pose a significant challenge in the handling of big data and developing high-performance computational strategies for remote sensing applications. This Special Issue represents the latest advances in machine learning algorithms, image processing techniques and big data integration to improve AI-based remote sensing applications. We invite authors to submit all types of manuscripts, including original research, research concepts, communications, and reviews, mainly on (but not limited to) the following topics:

- Imagery Data Analysis;
- Remote Sensing;
- Machine Learning;
- Deep Learning;
- Computer Vision;
- Exploiting Big Data;
- HPC and Predictive Analytics;
- Multi-Source/Sensor Data Fusion;
- Object Detection and Recognition;
- Image Segmentation.

Guest Editors

Dr. Abdul Bais

Dr. Keshav D. Singh

Dr. Sajid Saleem

Deadline for manuscript submissions

closed (30 June 2024)

Remote Sensing

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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
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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