Special Issue

Advances in the Applications of Machine Learning and Remote Sensing

Message from the Guest Editors

Remote sensing involves the collection of data about the Earth's surface from a distance using sensors mounted on satellites, aircraft, or drones. These sensors capture a wide range of information, including imagery, spectral data, and geospatial measurements. Remote sensing enables us to gather data on land cover, vegetation health, atmospheric conditions, and more. When machine learning is applied to remote sensing data, it opens up new possibilities for extracting valuable insights from the vast amount of Earth observation data. Therefore, machine learning and remote sensing are two powerful fields that have significantly contributed to advancements in various scientific fields, such as Earth observation and environmental analysis. Potential topics include, but are not limited to the following: Object detection and classification;
Data analytics in the remote sensing community;
Image intelligent processing;
Airborne and satellite systems;
Deep learning;
Signal and image processing;
Regression analysis for remote sensing data;
Feature selection, optimization, and dimensionality reduction for remote sensing data.

Guest Editors

Dr. Mohammed Dabboor

Dr. Karantzalos Konstantinos

Prof. Ghada Atteia

Prof. Dr. Wided Lejouad Chaari

Deadline for manuscript submissions

closed (31 March 2024)

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

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