

Special Issue

Advanced Machine Learning Models for Remote Sensing Applications and Data Analysis –Recent Developments

Message from the Guest Editors

This Special Issue is aimed at disseminating recent studies that develop new machine and deep learning models and their practical applications in remote sensing data for classification, modeling, change detection, time-series prediction, data quality improvement, etc. This topic directly falls within the scope of MDPI Remote Sensing, especially AI Remote Sensing. Both review and original research articles are invited. This Special Issue is not only aimed at the applications of new deep learning and quantum machine learning methods to real remote sensing data, but its intended target is also novel applications and/or analyses of existing machine and deep learning models, including performance improvement with limited data, data fusion, and transfer learning. Intended application areas include, but are not limited to, land and ocean monitoring, climate and agriculture prediction, calamity prediction and assessment, structural monitoring, data post-processing for data quality improvement, etc.

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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.

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