Special Issue

Advanced Artificial Intelligence for Environmental Remote Sensing

Message from the Guest Editors

The combination of remote sensing and advanced Artificial Intelligence can help improve experts' understanding of land, ocean, and atmosphere systems. This can lead to many benefits, including more accurate predictions about the behavior of such environmental systems, the automation of data analysis, improved management of resources, and the discovery of new insights from complex datasets. We encourage submissions that focus on advanced artificial intelligence, with primary environmental applications using remotely sensed data across different sensors and platforms. Results can be derived from existing or planned instruments, including acquired data or modeled outcomes. Applications can be related to classification and prediction tasks in agricultural and urban space monitoring, forest inventory, natural and land resource management, weather forecasting, environmental hazards and disasters, etc. Deep Learning algorithms can include tasks related to semantic segmentation, object detection, scene recognition, and parameter estimation.

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Deadline for manuscript submissions

closed (28 February 2024)

MDPI

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.

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