



Advanced Artificial Intelligence for Environmental Remote Sensing

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Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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