



Recent Development of Practical AI in Remote Sensing and Geoinformatics

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Message from the Guest Editors

This Special Issue is presented by research groups from the George Mason University and University of Washington, having studied and experimented with AI techniques on remote sensing datasets and geospatial cyberinfrastructure to acquire insights in Earth system sciences, especially in the fields of agriculture, hydrology, and atmosphere.

This Special Issue aims to highlight contributions of AI-related research in remote sensing and geoinformatics, and illustrate the current progress and achievements, with the hopes of soliciting novel ideas and demonstrations of the practical use of AI for solving challenging scientific problems previously too difficult or even impossible to answer. We are open to manuscripts oriented towards the newest theories and methodologies of applying AI in geospatial data sciences, in environmental studies, agriculture, hydrology, atmosphere, land use and land cover, urban remote sensing, geophysical research, as well as the newest sensors and methods for remote sensing data acquisition, processing, and analysis. Both original research papers and comprehensive literature reviews with unique scientific insights are welcome.





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Message from the Editorial Board

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