



Ecological Environment Satellite System: Research and Application

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Message from the Guest Editors

This Special Issue focuses on recent advances in the research and application of satellite remote sensing technology in ecological and environmental monitoring. Climate change currently poses a significant threat to the Earth's environment and sustainability, and it is thus important to monitor the impacts of climate change and human activity on the ecological environment, ecosystem functions, ecosystem health, and ecosystem sustainability.

Satellite remote sensing systems provide valuable data for ecological environment monitoring. Meanwhile, advances in data science and artificial intelligence, especially machine learning, provide powerful capabilities that can be utilized in remote sensing data analysis, knowledge discovery, modeling, and decision-making supports. This Special Issue invites authors to submit original research, review articles, and applications that explore satellite remote sensing measurements and that assist in monitoring ecological environment changes, analyzing and modelling the impacts of natural events and human activity on the ecological environment, and finding management solutions that are beneficial for ecosystem sustainability.





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Message from the Editor-in-Chief

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