Special Issue

Ecological Environment Satellite System: Research and Application

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

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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