Special Issue

Machine Learning in Global Change Ecology: Methods and Applications

Message from the Guest Editors

In the last 50 years, satellite remote sensing technology has provided advanced detection and research means to allow the investigation of the earth's resources, the monitoring of local and regional environmental changes, and the growth of vegetation. Since the 1990s, human society has rapidly stepped into the era of “big data”, strongly facilitated by the development of new technologies such as machine learning, also supported by emergent remote sensing products with high spatiotemporal resolution. This Special Issue aims to host studies covering the use of machine learning and remote sensing technology for the research of global change ecology. Topics may cover anything from the simulation of vegetation growth variables at different scales to the quantitative relationship between environmental and terrestrial vegetation parameters. Hence, any studies into machine learning methods or applications for exploring the quantitative relationship between terrestrial vegetation growth and environment are welcome.

Guest Editors

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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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