



Machine Learning in Global Change Ecology: Methods and Applications

Guest Editors:

Dr. Boyi Liang

Prof. Dr. Hongyan Liu

Prof. Dr. Ying Qu

Dr. Jiangzhou Xia

Dr. Micol Rossini

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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.





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Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
Geological Survey (USGS), USGS
Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

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Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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