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Vegetation Cover Changes Monitoring Using Remote Sensing Data

Guest Editors:

Dr. Dong Liang
International Research Center of Big Data for Sustainable Development Goals, Beijing 100094, China

Dr. Barjeece Bashir
International Research Center of Big Data for Sustainable Development Goals, Beijing 100094, China

Dr. Min Xu
State Key Laboratory of Remote Sensing Science, Aerospace Information Research Institute, Chinese Academy of Sciences, Beijing 100101, China

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Message from the Guest Editors

Climate change threatens vegetation patterns and agricultural productivity. The Special Issue "Vegetation Cover Changes Monitoring Using Remote Sensing Data" explores advanced remote sensing technologies to tackle these challenges. Questions include:

- What are the latest advancements in remote sensing for vegetation monitoring?
- How can the fusion of multi-source remote sensing data improve the accuracy and reliability of vegetation cover assessments?
- What novel algorithms and methodologies are being developed in vegetation monitoring, and how do they compare?
- How can machine learning and AI aid analysis and interpretation?
- What challenges and solutions exist for data interoperability and scalability in developing countries?
- How do seasonal variations and extreme events affect changes observed through remote sensing?
- What are the long-term trends in vegetation cover changes across different biomes and ecosystems, and how can remote sensing data help predict future scenarios?
- How can time-series analysis of vegetation cover changes be utilized to understand vegetation dynamics at different spatial scales, from local to global?

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Special Issue

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Editor-in-Chief

Prof. Dr. Christine Fürst
Institute for Geosciences and Geography, Department Sustainable Landscape Development, University of Halle, Von-Seckendorff-Platz 4, 06120 Halle, Germany

Message from the Editor-in-Chief

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Contact Us

Land Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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