

## Special Issue

# Long-Term Monitoring and Driving Forces of Forest Cover

### Message from the Guest Editors

Forests are the largest terrestrial ecosystem on Earth, which play a vital role in conserving water resources, regulating the climate, purifying the air, preventing wind erosion and sand drift, and protecting biodiversity. With the continuous increase in remote sensing satellites and the gradual enrichment of satellite data, the long-term monitoring of forest cover has become available in recent years. However, as a type of big data, wide and long-term monitoring of forest cover still remains a challenge. Different from traditional remote sensing classification methods, machine learning has advantages in terms of big data processing and its calculation capabilities, which have been widely used in numerous fields. This Special Issue is dedicated to advances in long-term forest cover monitoring and driving force analysis. Articles should include aspects of forest cover monitoring, driving forces of forest change, and forest cover change. Techniques and methods from machine learning are welcome. Potential topics include, but are not limited to, the following:

- Forest cover monitoring;
- Driving forces of forest change;
- Forest cover change;
- Machine learning;

### Guest Editors

Dr. Jianwan Ji

Prof. Dr. Bing Guo

Dr. Eshetu Shifaw

Dr. Rui Zhang

### Deadline for manuscript submissions

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## Forests

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*Forests*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[forests@mdpi.com](mailto:forests@mdpi.com)

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### Message from the Editor-in-Chief

*Forests* (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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### Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,  
I-25121 Brescia, Italy

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