

## Special Issue

# Study of Forest Landscape Development Based on Geospatial Technologies

### Message from the Guest Editors

Forests play a vital role in biodiversity conservation, climate regulation, and the provision of ecosystem services. Geospatial technologies, including remote sensing, GIS, and related tools, have revolutionized our understanding of forest landscapes. This Special Issue aims to bring together researchers and practitioners to explore the latest advancements in geospatial technologies and their applications in assessing, monitoring, and managing forest landscapes. Potential topics include, but are not limited to:

- Prediction and analysis of forest landscape dynamics using remote sensing data;
- Spatial modeling of forest landscape changes and patterns;
- Monitoring and assessment of forest ecosystem health and resilience;
- Integration of geospatial technologies for forest management and conservation;
- Geospatial approaches for mapping and inventorying forest resources;
- Application of machine learning and artificial intelligence in forest landscape analysis;
- Geospatial tools for detecting and predicting forest disturbances and assessing their impacts;
- Spatial analysis of forest fragmentation and connectivity;

### Guest Editors

Prof. Dr. Leiguang Wang

Prof. Dr. Guanglong Ou

Dr. Yihang Zhang

### Deadline for manuscript submissions

closed (31 July 2024)



## Forests

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.6



[mdpi.com/si/179270](https://mdpi.com/si/179270)

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

[mdpi.com/journal/  
forests](https://mdpi.com/journal/forests)





# Forests

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.6



[mdpi.com/journal/  
forests](https://mdpi.com/journal/forests)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

#### Journal Rank:

JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).