

## Special Issue

# Research Advances in Management and Design of Forest Operations

### Message from the Guest Editors

We would like to create a multi-point of view compendium of the research on the management and planning of forest operations to cope with changing climatic conditions and with the modern challenges that forest managers have to deal with. We invite both original research papers and literature reviews touching on the following topics:

- Shaping sustainable forest operations in a changing climate;
- The evaluation of the sustainability of forest operations under the point of view of the three pillars (economy, environment and society);
- The assessment of the environmental impacts related to forest operations and design of best management practices for mitigation and/or adaptation to changing climate;
- Innovative forest harvesting systems, technology and techniques;
- The role and potential of precision forestry (robotics, LIDAR, trafficability maps, etc.) for improving the sustainability of forest operations;
- Environmentally friendly forest operations and reduced impact logging (RIL);
- How forest operations can be adjusted to preserve levels of biodiversity necessary to keep forests healthy and productive.

---

### Guest Editors

Prof. Dr. Rodolfo Picchio

Dr. Francesco Latterini

Dr. Rachele Venanzi

---

### Deadline for manuscript submissions

closed (30 September 2025)



## Forests

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.6



[mdpi.com/si/192623](https://mdpi.com/si/192623)

*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 16.8 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).