

## Special Issue

# Tree Breeding: Genetic Diversity, Differentiation and Conservation

### Message from the Guest Editors

Tree breeding and genetic diversity are crucial for the sustainability and resilience of forest ecosystems. As environmental challenges intensify, the differentiation and conservation of tree genetic resources is becoming increasingly significant. This Special Issue aims to provide a comprehensive overview of recent advancements in tree breeding, focusing on the genetic diversity and differentiation necessary for robust forest management and conservation strategies. The goal is to highlight the latest research findings and technological innovations that contribute to understanding and enhancing the genetic variability of tree species. We welcome contributions that explore diverse aspects of tree breeding, from molecular and genomic approaches to field-based studies, which elucidate the mechanisms driving genetic differentiation and adaptation. An emphasis will also be placed on strategies and practices that support the conservation of genetic resources, ensuring the long-term health and productivity of forest ecosystems.

### Guest Editors

Dr. Hanna Fuchs

Prof. Dr. Ewelina Ratajczak

Prof. Dr. Konrad Celiński

### Deadline for manuscript submissions

31 December 2025



## Forests

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.6



[mdpi.com/si/213604](https://mdpi.com/si/213604)

*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).