

## Special Issue

# The Diversity of Wood and Non-Wood Forest Products: Anatomical, Physical and Chemical Properties, and Potential Applications

### Message from the Guest Editors

A present and urgent challenge is to follow the major guidelines set out for forest resources sustainability management in the context of both ecosystem-related global warming threats and green-economy needs. The full resource-use approach requires consideration of the residual materials from forest management and related industries, taking into account different tree components and non-wood products that present enormous diversity. Specific knowledge on these diverse materials regarding their structure, anatomy, and properties is, therefore, an essential tool in assessing the potential and suitability of these different forest resources.

This Special Issue aims to gather research-based data on wood as well as on non-wood forest products, with special emphasis on bark to provide tools and background information to assess the forest-resource potential of different species. Our aim is twofold, as we look to contribute to the efforts of increasing forest sustainability and diversity by preserving species with potential for high-quality end use, and to diversify wood supply using knowledge related to wood and non-wood characteristics, and their diversity.

---

### Guest Editors

Dr. Vicelina Sousa

Prof. Dr. Helena Pereira

Dr. Teresa Quilhó

Dr. Isabel Miranda

---

### Deadline for manuscript submissions

closed (1 March 2023)



## Forests

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.6

---



[mdpi.com/si/100597](https://mdpi.com/si/100597)

*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).