

Special Issue

Emerging Potential of Hardwood Resources for Innovative Uses

Message from the Guest Editors

The emerging climate changes will lead to a redistribution of existing forest types and a change in their tree species composition, which will also have an impact on the entire forest-wood chain. Experts predict that deciduous trees will become more dominant than conifers in forests due to factors such as fluctuations in growing conditions, natural damage, and bark beetle infestations. The share of spruce in the wood supply has already declined due to these factors over the last decade. Deciduous tree species are expected to be of great importance going forward based on current forecasts for climate indicators, forest production, and wood properties. Hardwoods have untapped potential. They can be used with advanced technologies to create innovative and eco-friendly products, while considering sustainability, circularity, and marginal quality. Articles addressing the utilization of hardwood potential and focusing on new innovative products and/or new environmentally friendly technologies or improving existing ones will be considered for this Special Issue. Original papers, reviews and short communications are all welcome.

Guest Editors

Dr. Dominika Gornik Bučar

Department for Wood Science and Technology, Biotechnical Faculty, University of Ljubljana, 1000 Ljubljana, Slovenia

Prof. Dr. Manja Kitek Kuzman

Department of Wood Science and Technology, Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia

Deadline for manuscript submissions

closed (30 May 2025)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/204336

Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).