

Special Issue

Measurement and Enhancement of Wood Mechanical and Chemical Properties, 2nd Edition

Message from the Guest Editors

With the successful results of the first edition, we still hope to provide a comprehensive overview of the latest research in this field. It covers various topics, from basic measurement techniques to advanced modification methods. The scope includes, but is not limited to, the following areas:

- measurement techniques for wood mechanical and chemical properties;
- principles for the introduction of wood material processing technologies;
- updated research reviews using measurement analysis methods;
- discussion of the main technological and economic challenges in the forest-wood area, as well as suggestions of related socio-economic effects;
- impacts of wood properties on end-use applications and the possibilities of using post-consumer wood, including wood composite materials, for utility purposes;
- modern solutions that introducing environmentally friendly improved wood materials and energy-efficient processing technologies as well.

Guest Editors

Dr. Wanzhao Li
Dr. Marek Wieruszewski
Dr. Yue Qi

Deadline for manuscript submissions

30 June 2026



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/219883

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 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).