

Special Issue

Advanced Technologies in Wood-Adhesive Bonds

Message from the Guest Editor

Bonded wood products and associated bonding technologies will play an important role in the future. The bonding of wood is a complex process and this technology is based on an interdisciplinary approach covering the fields of chemistry, machinery, and product design. While the understanding of wood bonding has made great progress during the last few years, bonding technologies must be further developed to be competitive. Wood glued products will remain attractive if the adhesive technologies enable, at one time, a fast and sustainable assembly with the material being fully recyclable at the end of its lifetime. The use of green adhesive and innovative curing technologies has demonstrated great potential for solid wood gluing and wood-based panels production. This leads to the need for a better understanding of the field of applications of such advanced technologies.

This Special Issue will cover all the topics from adhesive manufacturing to adhesive curing and bonded wood products. Papers can include reviews and recent unique research on adhesive development, adhesive application and adhesive curing.

Deadline for manuscript submissions

closed (20 November 2021)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/79139

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).