

Special Issue

Sustainable Materials in the Forest Products Industry

Message from the Guest Editors

Sustainable development in the forest products industry explores the origins of sustainability as it applies to forestry and forest products. Sustainable forest management is one of the most significant ways of reducing pressure on the world's forests. The bio-based economy necessitates the sustainable utilization of bioresources for the production of a range of products. Lignocellulosic biomass is the most abundant and renewable resource on Earth, which may be processed in a variety of ways and provides both environmental and performance benefits. Lignocellulosic-based sustainable materials are composed mainly of three basic structural components: cellulose, lignin, and hemicellulose. Lignocellulosic-based sustainable resources have the potential to replace plastics and materials that have been traditionally based on fossil resources. The development of high-performance bio-based and sustainable materials is a crucial aspect for the bio-based industry's long-term growth. The aim of this Special Issue is to evaluate and cover novel research in the area of sustainable materials in the forest products industry, in both original and review articles.

Guest Editors

Dr. Zeki Candan

1. Biomaterials and Nanotechnology Research Group & BioNanoTeam, 34473 Istanbul, Türkiye
2. Turkish Academy of Sciences, 06670 Ankara, Türkiye
3. Department of Forest Products Engineering, Faculty of Forestry, Istanbul University Cerrahpasa, 34473 Istanbul, Türkiye

Dr. Mehmet Hakki Alma

1. Turkish Academy of Sciences, 06670 Ankara, Türkiye
2. Department of Environmental Engineering, Iğdır University, 76000 Iğdir, Türkiye

Deadline for manuscript submissions

closed (31 May 2024)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/146809

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).