

Special Issue

Functionalization and Valorization of Wood and Bamboo Materials

Message from the Guest Editors

The applications of wood, including wood composites, structural timber, and engineering timber, are inherently linked to the intrinsic properties of the wood. The growth of wood and its associated physiological and anatomical characteristics are also of significance in the utilization of wood. Therefore, the enhancement of wood properties through innovative physical, chemical, and biological techniques is essential for the high-value utilization of wood. This Special Issue attempts to analyze the properties of wood using a number of new technological tools and to improve the properties of wood using advanced methods. Potential topics include, but are not limited to, the following:

- Wood genetic modification;
- Wood chemical modification;
- Wood mechanical properties;
- Wood and polymer materials;
- Bamboo, Rattan properties;
- The analyses of wood processing residues;
- High-valued utilization of lignocellulose.

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Deadline for manuscript submissions

25 December 2026



Forests

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Impact Factor 3.1
CiteScore 5.4



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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.

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