

Special Issue

Advances in Wood Materials

Message from the Guest Editors

The objective of this Special Issue is to provide a comprehensive forum for sharing recent advancements in the characterization, enhancement, and utilization of wood materials in engineering products. This Special Issue invites the submission of original research articles, comprehensive review papers, and technical reports, but not limited to, the following topics:

- Characterization of wood by employing new techniques;
- Innovative applications of wood materials in the construction sector and life cycle assessments;
- Mechanical testing, modeling, and simulation of wood and wood-based composites;
- Design procedure and performance of wood-polymer, wood-metal, and hybrid composites;
- Development, characterization, and performance of engineered wood products (CLT, LVL, GLT, etc.);
- Adhesive and bonding technologies for wood and wood-based materials;
- Innovative modification techniques for improved performance (bending strength, stiffness, ductility, etc.);
- Modeling moisture movement in wood;
- Moisture distribution in wood.

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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.

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