

## Special Issue

# Wood Properties: Measurement, Modeling, and Future Needs

### Message from the Guest Editors

Wood properties are crucial in various industries, including construction, furniture, and paper production. This Special Issue aims to explore advancements in measuring and modeling wood properties, addressing current challenges, and anticipating future needs in this field.

This SI seeks to provide a comprehensive overview of wood property measurement techniques, modeling approaches, and future research directions, thereby fostering collaboration and knowledge exchange among researchers from different fields. This SI will feature research on innovative measurement and modeling techniques for wood properties, including advancements in ultrasound techniques, imaging technology, machine learning, and predictive modeling.

We invite submissions of original research papers, review articles, and methodological studies aimed at advancing the measurement, modeling, and comprehension of wood properties. Topics of interest encompass wood density, moisture content, mechanical properties, durability, and the diverse applications of these aspects across various fields.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 January 2026)



## Forests

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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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