

## Special Issue

# Advances in Wood Processing and Wood Mechanical Properties

### Message from the Guest Editors

Modern wood-processing operations are no longer based solely on traditional technologies such as sawing, milling, or sanding, but increasingly rely on advanced approaches in manufacturing digitalisation, automation, and precise process control. At the same time, the importance of optimising material use, reducing waste, and minimising environmental impacts continues to grow, creating a strong need for new knowledge at both the technological and material levels. For this Special Issue, titled “Advances in Wood Processing and Wood Mechanical Properties”, we welcome submissions that provide new insights into wood processing technologies, their influence on the mechanical performance of wood materials, and approaches to improve product quality, process efficiency and sustainability in wood-based manufacturing. The aim is to create an interdisciplinary platform connecting researchers, technologists, and industry professionals, and to offer readers up-to-date scientific results applicable in industrial practice and further research.

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### Guest Editors

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### Deadline for manuscript submissions

20 August 2026



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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