



Wood and Wood-Based Composites: New Frontiers in Modification, Performance, and Sustainability

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Message from the Guest Editor

In recent decades, wood and wood-based composites have garnered extensive attention. With a growing global demand for sustainable development and green building materials, new technologies and approaches for utilizing these natural resources have become a focal point in both scientific research and the industry. This Special Issue aims to compile and showcase the latest research findings on modification techniques and emerging applications of wood and its composites.

This Special Issue will explore physical, chemical, and biological methods for modifying wood and wood-based composites and how these modifications can enhance the materials' performance, durability, and functionality. We are interested in innovative techniques that improve the materials' resistance to microbes, fire, water, and mechanical forces. Additionally, this Special Issue will delve into the applications of these materials in construction, furniture, packaging, the automotive industry, and beyond. Authors are welcome to submit their latest research on this topic in the form of original research or review articles.





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Message from the Editor-in-Chief

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