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Physical and Mechanical Properties of Wood- and Bamboo-Based Materials

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Message from the Guest Editors

Wood and bamboo, with their rich historical significance, are utilized across various sectors and offer advantages such as environmental sustainability, strength-to-weight ratio, and seismic resilience, while facing drawbacks like dimensional instability and limited fire resistance, thus prompting the use of techniques like lamination gluing and reagent impregnation for enhancement, aiming to expand their applications and lifespan, contributing to carbon sequestration.

This Special Issue is poised to provide an avenue for scholars and stakeholders to remain at the vanguard of advancements in the field of the physical and mechanical properties of wood and bamboo. Those with an interest in the physical and mechanical attributes of wood and bamboo are cordially invited to collaborate and disseminate their latest accomplishments in this domain.



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Special Issue



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