



forests



Special Issue Reprint

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

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Edited by
Xuehua Wang
Yan Wu

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The purpose of this reprint is to furnish readers with the most recent advancements in wood and bamboo processing applications. The reprint covers a wide range of topics, from the preservation of archaeological wood and the mechanisms behind the formation of wood and bamboo properties to biomimetic applications and methods for enhancing the performance and composite uses of bamboo and wood materials. These contents highlight the vibrant and pioneering research areas associated with wood and bamboo. In this reprint, leading experts in the field share their research findings, results, and future visions, offering fresh perspectives for the innovative and efficient utilization of wood and bamboo. Through these contributions, we aim to enhance our understanding of the sustainable applications of wood and bamboo materials, fostering harmonious development that meets human material needs while ensuring the sustainable use of Earth's resources, thereby enabling humans and nature to coexist in harmony.



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