

Special Issue

Protection and Modification of Wood and Bamboo Materials

Message from the Guest Editors

Wood is a CO₂-neutral, renewable, versatile, and natural material that is widely used in different applications. With the increasing environmental and health concerns, the development and application of wood-based materials have attracted increasing attention. Simultaneously, as the most promising woody herbaceous plant substitute of wood in some applications, bamboo has also been studied extensively in recent decades. However, these materials have several undesirable properties, such as biodeterioration, dimensional instability, inflammability, and photodegradation—all drawbacks which severely restrict their utilization in a variety of applications. This Special Issue, entitled “Protection and Modification of Wood and Bamboo Materials”, welcomes research and review papers covering all aspects related to the protection and modification of wood and bamboo materials, including but not limited to wood preservation, weathering, flame retardance, wood polymer composites, dimensional stability, mechanical properties, mildew resistance, termite resistance, wood adhesives, and coatings.

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Deadline for manuscript submissions

closed (16 October 2022)



Forests

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Impact Factor 3.1
CiteScore 5.4



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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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