



Managing Indoor Wood Biodeterioration

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Message from the Guest Editors

Dear Colleagues,

Wood is one of the most widely used natural resources in human history for the production of not only furniture but also structural parts of buildings, religious and recreational objects, defense tools, and boats due to its high load-bearing capacity, good thermal insulation and stability, low carbon footprint, and versatility. However, the process of biodegradation introduces a challenge to its durability. All wood materials are vulnerable to physical and mechanical stresses and biotic deterioration, which can, in turn, be accelerated by extreme abiotic factors, particularly moisture. The durability of wood needs to be enhanced through sustainable approaches. We invite submissions of reports on original research and new developments in the field of wood durability mechanisms and strategies for the protection and preservation of wooden structures, wood-based building materials and wooden objects, including heritage elements, in indoor environments.





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