

Special Issue

Wood Protection Based on the Study of Chemical and Physical Properties

Message from the Guest Editors

Wood continues to be an important part of daily life and culture because of its attractive appearance and properties. It is a renewable resource and a natural biopolymer used in a wide range of applications.

Compared to other building materials, wood offers several advantages, including a high strength-to-weight ratio, strong thermal insulation, easy workability, and appealing aesthetics. Due to the chemical nature and physical structure of wood, its resistance to various biological agents is limited. This must be taken into account when wood is exposed to moisture, which creates ideal conditions for decay.

In order to increase knowledge on the mechanisms of durability of wood and on strategies for the protection and preservation of wood, wood structures, and wood-based building materials, we welcome research papers from different disciplines, such as wood materials science, wood technology, and wood pathology, as well as the development of methods, experimental studies, monitoring approaches and models, literature reviews, and surveys as contributions to this Special Issue.

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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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