

Special Issue

Mode of Action of Chemical and Thermal Wood Modification Techniques

Message from the Guest Editors

This Special Issue, entitled “Mode of Action of Chemical and Thermal Wood Modification Techniques”, plans to provide an overview of the most recent developments and research activities in the field of chemical and thermal wood modification techniques, and specifically, on how these modifications affect changes in wood properties. At present, various wood modifications have been proposed to trigger changes in wood properties. However, for many of these technologies, why wood properties actually change remains unclear. Thus, knowledge about the mode of action (chemical, physical, anatomical or functional factor) of these treatments is still lacking.

We encourage authors to contribute with research and review papers that address the gaps in our understanding of existing and novel wood modification techniques. Innovative modification approaches for improving the performance of wood and wood-based composites—specifically but, not limited to, durability, wood-water interactions, weathering, esthetics and fire protection in interior and exterior applications—are being sought, including process and method developments as well as experimental studies.

Guest Editors

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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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