

## Special Issue

# Wood Treatments and Modification Technologies

### Message from the Guest Editors

Wood is a sustainable and versatile material. To improve wood properties and give them special characteristics, wood treatments and modifications are conducted. This Special Issue explores the application of chemical, physical, or biological methods to alter the properties of the woody material. Improvements in mechanical strength, dimensional stability, decay resistance, weathering resistance, and fire resistance could be achieved through modifications. Recent modifications of wood include thermal treatment to improve the UV resistance of wood, delignification, and polymer intrusion to make transparent wood and phase-change material-impregnated wood, thus awarding thermal regulative properties to wood. This Special Issue welcomes papers on all aspects of wood treatment and modification, including wood in the form of solid, composites, and woody biomass.

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### Guest Editors

Dr. Mohd Hazim Mohamad Amini

Prof. Dr. Ali Temiz

Dr. Emilia-Adela Salca

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### Deadline for manuscript submissions

closed (20 June 2023)



## Forests

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## About the Journal

### Message from the Editor-in-Chief

*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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### Editor-in-Chief

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