

# Special Issue

## Wood Treatments and Modification Technologies—2nd Edition

### Message from the Guest Editors

This is the second edition of the Special Issue titled “*Wood Treatments and Modification Technologies*”. [https://www.mdpi.com/journal/forests/special\\_issues/XV959QDW57](https://www.mdpi.com/journal/forests/special_issues/XV959QDW57) Wood is a sustainable and versatile material. To improve the properties of wood and give it 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 wood 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.

### Guest Editors

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### Deadline for manuscript submissions

15 May 2026



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### 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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