



Wood Treatments and Modification Technologies—2nd Edition

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Message from the Guest Editors

This is the second edition of the Special Issue titled “*Wood Treatments and Modification Technologies*”.

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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.





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