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Innovative Approaches for Improving Properties of Wood and Wood-Based Materials

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Deadline for manuscript submissions:

closed (31 May 2024)

Message from the Guest Editors

This Special Issue plans to offer an overview of the most recent advances in the field of the use of nanotechnology, plasma treatments, enzymatic treatments and the use of different combined modifications to obtain high-performance bio-based materials and composites.

Potential topics include, but are not limited to, the following:

Wood modification;

Use of nanomaterials in wood and wood-based materials;

Plasma treatments;

Weather resistant wood and wood-based materials;

Decay resistant wood and wood-based materials;

Dimensionally stable wood and wood-based materials;

Future perspectives for innovative approaches in wood modification.



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Special Issue



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Message from the Editorial Board

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