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Transformation of Wood after Processing and Modification

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Message from the Guest Editors

Dear Colleagues,

Wood plays a crucial role in tackling climate change as it acts as a carbon sink, sequestering carbon dioxide from the atmosphere, and the field of wood processing and modification is currently undergoing dynamic changes, marked by continuous advancement, innovation, and evolving techniques. This Special Issue aims to explore the dynamic transformations that wood undergoes post-processing and -modification, shedding light on the multifaceted alterations in its properties and characteristics.

Potential Topics:

- Changes in wood properties post-processing and -modification;
- Advanced techniques in wood processing for enhanced outcomes;
- Innovative wood modification methods for improved characteristics;
- Responses of wood to novel processing technologies;
- Improving wood durability through innovative modification approaches;
- Adapting wood properties to meet evolving industry demands;
- Alterations in wood structure and composition following processing and modification;
- Harnessing transformations in wood for sustainable manufacturing practices;
- Optimizing wood processing and modification



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Special Issue



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