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Methods and Technologies for Modified Wood

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Message from the Guest Editors

Dear Colleagues,

Wood- and cellulose-based fiber modifications are a highefficiency alternative to wood and paper treatments, enhancing properties such as durability and providing new functionalities. This topic, despite a lot of available data, still includes a lot of scientific gaps, as well as a lack of industrial utilization. This Special Issue plans to summarize the most recent advances in wood and fiber technologies, emphasizing new approaches in particular.

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

- Wood and fiber modification by esterification and etherification
- Wood and fiber modification with polymer-forming chemicals
- Thermal wood modification
- New approaches to wood modification technologies
- Innovative technologies for wood modification
- New approaches with fiber modifications
- Fire protection of wood through their modification



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