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Quality Requirements of Wood and Bark of Biorefineries and Future Products

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Message from the Guest Editors

Bioenergy and biomass-based products diversify business opportunities in the forest cluster. In particular, biorefineries, which could be integrated into the sawmills and pulp and paper mills, seem to have immense future potential. The raw material quality requirements of wood and bark for future wood processing industries may differ from those for the current industries. For traditional products, like solid wood and engineered wood, high density and strength is appreciated. Pulp and paper products have different quality requirements, including fiber length and low lignin content.

This Special Issue welcomes research papers related to the structure and properties of wood biomass that are relevant to a range of wood manufacturing processes, with a focus on bioenergy and biomass utilization. Transportation and storing properties of the feedstock for biorefineries are also included.



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