



## Application of Natural Polymers in Bio-Based Products

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### Message from the Guest Editor

Dear Colleagues,

With the worsening global energy crisis, and the increasing concerns on the carcinogenic formaldehyde-based components as well as the greater consumer interest in healthy and sustainable products, the building-related industries including wood and paint sectors, have been forced to find alternatives from renewable resources. However, developing good properties from biobased polymers is challenging and requires more research.

This Special Issue welcomes high-quality research and review articles that address various topics related, but not limited, to the latest approaches on the application of biobased polymers in composites; the uses of biopolymer-based adhesives in panel manufacturing, i.e., wood-based panels; the application of additives from renewable resources to improve the material properties of natural products; the application of biopolymers to entirely or partially replace petroleum-based materials; the application of natural polymers for protection of lignocellulosic materials; and the use of bio-nanomaterials for production of smart wood composites.

Dr. Reza Hosseinpourpia  
*Guest Editor*





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## Message from the Editor-in-Chief

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