

## Special Issue

# Wood Polymer Composites: Trends and Prospects

### Message from the Guest Editors

Nowadays, biocomposites are used in all facets of human life. Wood is known as natural composite material which is made up of cellulose fibres encased in a lignin and hemicellulose matrix. Rapid advancements in high-performance wood polymer composites facilitated the ability to replace the heavy steel component for unique properties or standards. It can be manufactured in a variety of thicknesses, grades, sizes, and exposure durability, in addition to being manufactured to take advantage of the inherent strength characteristics of wood. However, perhaps, new challenges persist that must be addressed, notably in order to reduce costs, enhance the strength. The Special Issue's goal and focus is to introduce new perspectives on the advancement of new wood polymer composite technology. Furthermore, it is essential to look inwards and optimise the available resources to achieve the ideal technological advancement. It is also worth noting that the greater the emphasis implanted on future trends and prospects for wood polymer composite technology, the greater the progress made to safeguard the preservation of natural forest resources.

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### Guest Editors

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### Deadline for manuscript submissions

closed (29 September 2023)



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