



Plant Fibers in Green Composites: Processing, Properties and Applications

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Message from the Guest Editors

This Special Issue elucidates the overall properties of plant fibers in terms of their composition, structure, available sources and classification, along with the properties of the composites derived from those plant fibers.

Articles concerning the following topics fall under the scope of this Special Issue:

- Plant fiber extraction methods;
- Surface modification techniques of plant fibers;
- Fiber/matrix interface engineering in plant fiber composites;
- Processing methods of plant fiber composites;
- Plant-fiber-based hybrid composites;
- Mechanical properties of plant fiber composites;
- Thermal properties of plant fiber composites;
- Tribological properties of plant fiber composites;
- Water absorption properties of plant fiber composites;
- Morphological properties of plant fiber composites;
- Lifecycle assessment of plant fibers and their composites;
- Finite element modeling of plant fiber composites;
- Machining and machinability of plant fiber composites;
- Industrial applications of plant fiber composites.





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