



Green Composites: From Raw Materials to Applications

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Message from the Guest Editor

Fiber-reinforced polymers (FRPs) are extensively applied in a variety of industries, including in furniture, civil construction, automotive, and packaging, due to their competitive high strength and stiffness. However, the incineration-based disposal process for conventional FRPs composed of synthetic fibers and a polymer matrix generates a significant hazardous impact on both the environment and humans. Bioresources' incorporation into composite materials may not only reduce dependency on petroleum reserves but also contribute to the development of lightweight structures.

This Special Issue aims to present recent advances in green composites, covering the design of materials including, but not limited to, natural fibers, biobased resin, biodegradable resin, biocomposites, and green composites, as well as their applications, concerning, among others, the fabrication processes, the design of materials and special structures, reliability testing, and innovative data analysis technologies. Papers detailing relevant prospects in terms of opportunities and challenges will also be considered. High-quality research articles, short communications, and reviews are welcome.





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Message from the Editor-in-Chief

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