



## Fiber-Reinforced Polymer Composites

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### Message from the Guest Editor

Fiber-reinforced polymer composites have many advantages, such as high strength, low density, and ease of processing, and have been used in many areas, such as energy, aerospace, automotives, and construction. The incorporation of two or more fibers into a single polymer matrix leads the development of a hybrid composite. In the last two decades, different fibers and fiber-reinforced polymer composites have been introduced and developed in order to modify the composite properties and expand their areas of application. In this sense, economic indicators and market dynamics suggested that the market for composite materials is booming, and the dominant materials are carbon fibres, glass fibres and thermoset polymer (polyester resin) in resin segments. In particular, the functionalization and intellectualization of fiber-reinforced polymer composites have become a trend in research and development in terms of new energy sources, new materials, energy conservation, environmental protection, biomedicine, information networks, and high-end manufacturing.





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