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New Developments in Fiber Reinforced Polymer Materials

Guest Editor:

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Message from the Guest Editor

FRP composites have been recognized as the most promising and emerging materials available on the global market. Recently, composite structures reinforced with synthetic or natural fibers are gaining more importance as the demand for high-strength lightweight components in polymeric materials. Fiber-reinforced polymer (FRP) is significantly advantageous because of its nonconductive and non-corrosion properties. Fiber-matrix formulation enables the composite material with better mechanical properties than its plain matrix, resulting in a stronger, stiffer, and more durable composite. In addition, FRP composites are gaining attention because of their ecofriendly nature and sustainability. The main aim of this Special Issue is to provide a platform for academicians and researchers worldwide to publish their work on natural/synthetic fibers, properties of FRP composites related to various experimental studies, analytical and numerical simulation of fiber reinforcing systems, load transfer analysis, multi-scale reinforcing systems, fibermatrix delamination, non-destructive evaluation, fatigue, aging, polymers, corrosion, and its relevant engineering fields



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Message from the Editor-in-Chief

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