Special Issue

Structural Application of Fiber Reinforced Polymer Composites

Message from the Guest Editors

Fiber-reinforced polymer (FRP) composites have been developed into various products over the past 20 years due to their excellent corrosion resistance, designability, and high strength to weight ratio. A series of novel structures have been developed by combining traditional concrete materials or other emerging materials with FRP. These novel structures have also aroused widespread interest in the academic community. In order to safely and reasonably apply FRP composites to structures, it is necessary to establish accurate and effective theories to estimate the mechanical properties and sustainable design methods for these novel structures. The Special Issue aims to introduce the latest research progress and technological innovation regarding FRP composite materials in structural applications, and also focuses on material innovation of polymers, structural analysis, and application research related to FRP composites. Research from experimental analysis and numerical simulation for the design of novel FRP materials/structures is welcomed, as well as that on the maintenance and renovation of existing structures.

Guest Editors

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker
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