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Advanced Fiber-Reinforced Composites: Design, Properties and Applications

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Message from the Guest Editors

Various composite materials are used in modern science and engineering fields. For electronic, medical, aerospace, energy or civil engineering applications, the most important materials are fiber-reinforced composites, strengthened by carbon fiber, glass fiber, aramid fiber, plant fiber, etc. Current applications in modern science and engineering require the design of material structures, design of material functions, analysis of various material properties, such as mechanics, electromagnetism, biology, chemistry, analysis of composites structures, including joint, assembly, environmental tolerance, etc.

The aim of this Special Issue is to understand the basic principles of design processes in advanced fiber-reinforced composites, the analysis methods of material properties and application in various science and engineering fields. A thorough understanding of how to design, analyze and apply the fiber-reinforced composites can further promote the development of fiber-reinforced composites.



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Special Issue



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Message from the Editor-in-Chief

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