



Advanced Composite Materials from Natural and Synthetic Sources: Fabrication, Characterization and Practical Application

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Message from the Guest Editors

The topic of composite materials continues to evolve in terms of range, research activities and technological importance. Composites now continue one of the broadest and most important classes of engineering materials in industrial significance and wide range of biomedical application. The major advantages of composite materials in practical application are stiffness, strength, toughness, lightness, corrosion resistance and biocompatibility. Hence, the composite materials are potentially used in therapeutic applications in the field of repair and regeneration (skin, bone, dental, cartilage, etc.). The types of composites and their properties are highly depended on their use in practical applications. Therefore, it is necessary to understand the beneficial effects of natural composite materials in distinction from the synthetic composites.

The purpose of the present special issue is to collect all recent advanced works in the field of composites materials from natural and synthetic based materials, mainly focusing on fabrication, characterization and practical applications.

