



Bio-Based and Biodegradable Polymeric Composites: Synthesis, Characterization and Applications

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Message from the Guest Editors

Dear Colleagues,

In recent years, bio-based and biodegradable polymers create several new opportunities such as packaging, coatings, drug delivery systems in the food, pharma, and biomedical industries. Hence, bio-based degradable materials are unavoidable in current global situation to minimise the use of non-degradable synthetic materials, which remain in our ecosystem for almost 400-500 years and potentially become dangerous hazards to the entire world, affecting almost every organism. Consequently, biocompatible and biodegradable polymers nowadays have become hot topics to replace synthetic plastic materials. Recently, researchers have been trying several new techniques for biopolymer synthesis and fabrications, and thus exploring more and more natural resources, including oceans, in order to discover innovative biomaterials for commercial applications. Therefore, the intent of this Special Issue is to provide an avenue for the current progress in bio-based polymeric composites synthesis, characterization and applications.

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