



Biopolymeric Matrices Reinforced with Natural Fibers and Nanofillers

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Message from the Guest Editors

Recent manufacturing advancements have led to the fabrication of polymeric composites reinforced with natural fibers and nanofillers. However, to reduce the impact on the environment, efforts have been made to replace synthetic fibers by natural fibers in many applications. Natural fibers can possess higher cellulose content, a higher degree of polymerization of cellulose, and a lower microfibrillar angle, which are crucial factors for the mechanical properties, namely tensile modulus and tensile strength, and many other properties that make them suitable for the reinforcement of polymeric composites. The research work that will be submitted to this special issue need to show a complete overview of the application fields where these sustainable biopolymeric composites show potential, with a particular emphasis on their role as matrices for biocomposites reinforced with Natural Fibers and Nanofillers to be applied in a wide range of situations from civil construction to biomedical applications"

