



Lignocellulosic Polymer Composites

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Message from the Guest Editor

Polymeric composites are multi-phase materials in which reinforcing fillers are integrated within a polymeric matrix, resulting in different material properties. With the widespread interest in the development of functional materials for a plethora of applications, polymeric composites with enhanced properties have attracted considerable attention. However, most of the polymeric composites developed are composed from monomers derived from petroleum resources. This fact, together with the concerns about plastic pollution and greenhouse gas emissions, has shifted the interest towards the preparation of polymeric composites with a more favorable carbon footprint. In this regard, lignocellulosic biomass has attracted global interest as an alternative to fossil resources due to its inedibility, low cost, renewability, carbon neutrality, and wide distribution. This Special Issue is focused on the development of polymeric composites derived from lignocellulosic biomass. Original research papers and short reviews addressing the synthesis, characterization and application of lignocellulosic polymeric composites are invited for submission.





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Message from the Editor-in-Chief

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