Lignocellulosic Fiber-Based Composites

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Deadline for manuscript submissions:
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Message from the Guest Editors

Lignocellulosic fibres are one of the natural fibres which can be obtained from plants and are generally considered to be one of the most promising researched materials for replacing synthetic engineered fibres. This is due to the inherent behaviours of lignocellulosic fibres, including their renewability, wide availability, low production costs and biodegradability. Currently, various sectors have started to employ lignocellulosic-fibre-based composites in applications such as food packaging, transportation, sport goods, household appliances and construction, biomedicine, buildings and electronic devices. The application of lignocellulosic-fibre-based biocomposites results in the improved performance of transportation vehicles as it reduces their weight, which in turn lowers fuel consumption and carbon dioxide emissions. Thus, the objective of this Special Issue is to compile and gather the most recent, advanced research on the characteristics, manufacturability and sustainable product development of innovative lignocellulosic-fibre-based composites.

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Special Issue

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Message from the Editorial Board

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