



Plastic and Natural Fiber Materials

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Message from the Guest Editors

Thermoplastics, natural fibers and natural fiber thermoplastic composites are among the sustainable materials which have recently received great interest in both research and industry development for applications in many sectors, including automotive, sports and aerospace. The materials provide a wide range of advantages such as high specific mechanical properties, recyclability, renewability (in the case of natural fibres), short processing cycle and ability of post-forming. However, there remain challenges in both manufacturing and product performance when using the materials, which include high viscosity of the thermoplastic during composite processing, poor fiber–matrix compatibility and adhesion, low thermal stability and mechanical properties.

This Special Issue aims to present the latest scientific and technical advances in materials development, processing, characterizations and applications development of thermoplastics and natural-fiber-reinforced thermoplastics. Sustainability aspects related to the materials and their applications are highly welcome.





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Message from the Editor-in-Chief

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