

Special Issue

Recycled Polymer Composites: Futuristic Sustainable Material

Message from the Guest Editor

Typical processes involving improving or maintaining the mechanical properties of recycled plastic are advanced recycling process, polymer blending, and the addition of nanofillers such as nanofibers, graphene and carbon nanotubes, etc., in the recycled polymer. All the above processes can be achieved by injection and compression molding processes as well as extrusion. The main aim of this Special Issue is to collect various investigations focused on the processing and recovery of original plastic properties by adding additional polymer and nanomaterials. Papers presenting studies on the effective blending and nanomaterial on the mechanical properties of the recycled composite products and materials are welcome in the Special Issue. Researchers who use a particular agent such as compatibilizer, toughening agents to improve composites' performance are welcomed to submit papers. Authors are encouraged to present new ideas, reusability, and applications to provide a complete framework on these groundbreaking materials and facilitate their use in different structural applications.

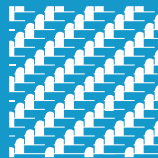
Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)



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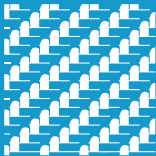
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Editor-in-Chief

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