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Fiber Composite Process

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Deadline for manuscript
submissions:

closed (31 March 2023)

Message from the Guest Editors

Dear Colleagues,

Fiber-reinforced plastic composites have found structural and non-structural applications in different industrial, construction and sports fields. The development associated with these materials does not yet adequately cover the environmental, production cost and application requirements. These developments concern two aspects: materials (fiber and polymer) and manufacturing processes (yarn, reinforcement and composite). Examples of these developments that have received the attention of various industries, as well as the scientific committee, in the last decade include the use of natural fibers and thermoplastic polymers, the production of hybrid yarn and hybrid reinforcements, and the recycling of fiber waste and damaged composite parts.

The Special Issue will be of interest for the composite making of natural fiber and/or thermoplastic polymer, as well as the characterization and manufacturing process at different stages: yarn/roving, reinforcement and composite.



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Special Issue



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Message from the Editor-in-Chief

Fibers is intended as an integrative platform, bringing together specialists with expertise concerning a large range of biological, synthetic, metallic and mineral fibers. The intent is to bring together scientists who would otherwise be unlikely to encounter each other's findings. By facilitating communication across specialties, the journal will advance understanding of the underlying commonality of many physical and chemical aspects of fibers.

We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

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