Special Issue

Natural Fibre Biocomposites

Message from the Guest Editor

This Special Issue is designed to update state-of-the-art technologies of biodegradable natural fibercomposite products. This Special Issue will consist of (but is not limit to) the following aspects:

- Fiber retting: The technologies for the conversion of wood and bast into fibers, including mechanical retting, bacterial retting, chemical retting, and other techniques;
- Fiber property characterizations: The physical and mechanical properties of different natural fibers, including wood, kenaf, hemp, cotton, wheat straw, bamboo, sisal, flex, and others;
- Fiber treatments: 1) treatment of natural fibers to enhance the interfacial bonding of fibers and the performance of the resulting composites; 2) treatment of natural fiber for the functionalization of fiber and the resulting composites;
- Bioresins and bioadhesives: This is to focus on the technology development of biodegradable adhesives and resins, such as soy based resin, glycosyl resin, and other plant based adhesives.Composites fabrication: Processing techniques for both structural and nonstructural natural fiber composites

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2018)

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Martin J. D. Clift
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