Special Issue

Sustainability and Life Cycle: Compatibility and Mechanical Properties of Natural Fillers and Polymers

Message from the Guest Editors

The Special Issue, “Compatibility and Mechanical Properties of Natural Fillers and Polymers”, will address advances in the field of composite materials. There is no limit to the types of processing systems. Articles and reviews dealing with composite materials with natural fillers, their compatibility and also their potential applications in diverse sectors are very welcome. The topics of interest include, but are not limited to:

- Compatibility and Mechanical Properties of Natural Fillers
- Environmental impacts of composite materials: land-water-energy nexus
- Circular economy in composite materials: recycled fibers and residues
- Techno-economic and environmental assessment of composites with partially bio-based and biodegradable matrices
- Hybrid composites
- Combination of synthetic and natural reinforcments in plastic composites
- Bio-based/biodegradable composites

Guest Editors

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Dr. Carlos Pozo

Deadline for manuscript submissions

closed (20 October 2022)

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Message from the Editorial Board

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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