

Special Issue

Textile and Fiber-Reinforced Wood-Based Materials

Message from the Guest Editor

Wood and plants are raw materials available worldwide. Their synthesis from carbon dioxide and water with the aid of light makes natural substances one of the largest suppliers of materials and a global factor in the Earth's carbon dioxide sink and carbon dioxide cycle. This has led to increased attention on renewable raw materials in the fight against global warming and in building a sustainable economy. In this Special Issue, the focus is on wood, fibers, textiles, processes, and concepts as well as synthetic polymers and biopolymers that make a substantial contribution to the United Nations' Sustainability Goals. We are looking for fundamental and applied research on innovative materials, material combinations, and hybrid composites that clearly go beyond the state of the art and research and which offer improved properties, use fewer natural resources, and allow more biodiversity, while remaining environmentally friendly and also competitive.

Guest Editor

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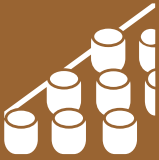


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Message from the Editorial Board

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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