Special Issue

Recycled and Sustainable Materials in Composite Design

Message from the Guest Editors

This Special Edition of *Materials* will focus on attacking the problems associated with recycling and sustainable material management/usage to ensure composites are a viable material in the future of engineering. Specific focus will be given to carbon fiber reinforced polymer (CFRP) composites, glass fiber composites, metal–composite hybrid materials, and natural fiber composites; however, papers not specific to these materials will also be considered on a case-by-case basis depending on novelty and relevance. Research would ideally address the following topics:

- Methods of improving chopped fiber and milled fiber composite performance;
- Use of novel and low-cost precursors for composite production;
- Novel methods of recycling existing composite parts;
- Physical, chemical, and mechanical characterization of recycled composite materials;
- Insights into the effects of recycled composite materials and how they may be used to create a circular economy for material usage.

Guest Editors

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Dr. Filip Stojcevski

Dr. Dan Eyckens

Deadline for manuscript submissions

closed (10 December 2020)

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About the Journal

Message from the Editor-in-Chief

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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