



## Recycled and Sustainable Materials in Composite Design

Guest Editors:

### Prof. Luke Henderson

Institute for Frontier Materials,  
Carbon Nexus, Deakin University,  
Waurin Ponds Campus, Geelong,  
VIC, Australia

### Dr. Filip Stojcevski

Institute for Frontier Materials,  
Carbon Nexus, Deakin University,  
Waurin Ponds Campus, Geelong,  
VIC, Australia

### Dr. Dan Eyckens

Institute for Frontier Materials,  
Carbon Nexus, Deakin University,  
Waurin Ponds Campus, Geelong,  
VIC, Australia

Deadline for manuscript  
submissions:

**closed (10 December 2020)**

### Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

**Journal Rank:** JCR - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

## Contact Us

Materials Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/materials](http://mdpi.com/journal/materials)  
[materials@mdpi.com](mailto:materials@mdpi.com)  
[X@Materials\\_Mdpi](https://twitter.com/Materials_Mdpi)