



## Advances in the Circularity of Polymeric and Composite Materials

Guest Editors:

**Prof. Dr. Patricia Krawczak**

patricia.krawczak@imt-lille-  
douai.fr

**Dr. Sary Awad**

sary.awad@imt-atlantique.fr

**Dr. Florentin Berthet**

florentin.berthet@mines-albi.fr

**Prof. Dr. José-Marie Lopez-  
Cuesta**

jose-marie.lopez-cuesta@mines-  
ales.fr

Deadline for manuscript  
submissions:

**1 April 2022**

### Message from the Guest Editors

Dear Colleagues,

Polymeric and composite materials are ubiquitous today. However, to improve their sustainability, it is of paramount importance to make sure that their waste does not end up in landfill or in the environment, and to find ways to recover and reuse these materials in useful and profitable applications. To contribute to building a resource-efficient future, it has become essential to put them in the loop of a more circular economy.

Eco-design, including design for recycling, has become the watchword, with several recycling techniques available and competing to achieve this ambitious goal. There is also an increasing number of attempts to reuse constitutive products recovered that way by reincorporating them into new materials or high value-added applications. Which methods achieve which objectives, however, and which make sense for various feedstocks?

This Special Issue welcomes papers on the latest advances and development of recycling, recovery, and reuse of polymeric and composite materials.

Prof. Dr. Patricia Krawczak  
Dr. Sary Awad  
Dr. Florentin Berthet  
Prof. Dr. José-Marie Lopez-Cuesta  
*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maryam Tabrizian

James McGill Professor,  
Professor of Biomedical  
Engineering, Professor of  
Bioengineering, Professor of  
Experimental Surgery,  
Department of Biomedical  
Engineering, Faculty of  
Medicine/Faculty of Dentistry,  
Duff Medical Science Building,  
3775 University Street, Montreal,  
QC H3A 2B4, Canada

## Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty comprehensive topics: biomaterials, energy materials, advanced composites, structure analysis and characterization, porous materials, manufacturing processes and systems, advanced nanomaterials, smart materials, thin films and interfaces, catalytic materials and carbon materials, materials chemistry, materials physics, optics and photonics, corrosion and materials degradation, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics, metals and alloys, general. The distinguished and dedicated editorial board and our strict peer-review process ensure the highest degree of scientific rigor and review of all published articles. *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), Ei Compindex, PubMed, PMC, CaPlus / SciFinder, Inspec, Astrophysics Data System, and many other databases.

**Journal Rank:** JCR - Q2 (*Materials Science, Multidisciplinary*) / CiteScore - Q2 (*General Materials Science*)

## Contact Us

---

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

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/materials](http://mdpi.com/journal/materials)  
[materials@mdpi.com](mailto:materials@mdpi.com)  
🐦 @Materials\_Mdpi