



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:

20 May 2023

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



mdpi.com/si/87266

Special Issue



Editor-in-Chief

Prof. Dr. Maryam Tabrizian
James McGill Professor,
Professor of Biomedical
Engineering, Professor of

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

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

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), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: [JCR](#) - Q1 (Metallurgy & Metallurgical Engineering) / [CiteScore](#) - Q2 (Condensed Matter Physics)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[@Materials_Mdpi](https://twitter.com/Materials_Mdpi)