



an Open Access Journal by MDPI

## Sustainable Materials from Industrial Waste

Guest Editors:

### Dr. Isabel Padilla

MEDES Group, Eduardo Torroja  
Institute for Construction  
Sciences, IETcc-CSIC, C/ Serrano  
Galvache 4, 28033 Madrid, Spain

### Dr. Maximina Romero

MEDES Group, Eduardo Torroja  
Institute for Construction  
Sciences, IETcc-CSIC, C/ Serrano  
Galvache 4, 28033 Madrid, Spain

### Dr. Aurora López-Delgado

MEDES Group, Eduardo Torroja  
Institute for Construction  
Sciences, IETcc-CSIC, C/ Serrano  
Galvache 4, 28033 Madrid, Spain

Deadline for manuscript  
submissions:

**10 October 2024**

### Message from the Guest Editors

Dear Colleagues,

As you know, the UN [Sustainable Development Goals](#) are a call to action by all countries to promote prosperity while protecting the planet. The economic and social progress of the last century has unfortunately been accompanied by environmental degradation that threatens the actual systems on which our future growth is built. In this contest, the SDG 12 “Responsible consumption and production” commits, among other things, to achieve by 2030 a substantial reduction in waste generation through prevention, reduction, recycling, and reuse. In the achievement of this objective, the scientific community can play a key role by generating knowledge and developing technologies that allow the transformation of industrial waste into secondary raw materials for the manufacture of sustainable materials. This is the aim of this Special Issue, in which works related to the synthesis of materials from industrial wastes are welcome.

We would like to finish with the words of the UN [Secretary-General António Guterres](#) “We need to turn the recovery into a real opportunity to do things right for the future.”



[mdpi.com/si/155390](https://mdpi.com/si/155390)

# Special Issue



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)