Special Issue

Manufacturing and Recycling of Natural Fiber-Reinforced Composites

Message from the Guest Editor

I am delighted to announce a new Special Issue of *Materials*, titled "Manufacturing and Recycling of Natural Fiber-Reinforced Composites". The aim of this Special Issue is to present the latest achievements related to the manufacturing processes, materials, mechanical characterization, recycling, and applications of natural fiber-reinforced composites. Research articles focusing on the following topics are welcome to be submitted to this Special Issue: Identification of the optimal process parameters and verification of treatments aimed at improving the adhesion between fibers and matrices for the manufacture of natural composite structures;
Thermomechanical characterization of natural composites;
Description of industrial applications and markets regarding natural composites;
Investigation of the end-of-life of natural fiber-reinforced composites in the framework of the circular economy.
This Special Issue aims to reach widely across the research community to enhance the understanding of the present status and trends of natural fiber-reinforced composites.

Guest Editor

Dr. Antonio Formisano
Department of Chemical, Materials and Production Engineering, University of Naples Federico II, 80125 Naples, Italy

Deadline for manuscript submissions

20 August 2025

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/200754

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

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.

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

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 and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)