



materials



an Open Access Journal by MDPI

Innovative Materials for Construction II

Guest Editors:

Prof. Dr. Mariaenrica Frigione

Innovation Engineering
Department, University of
Salento, 73100 Lecce, Italy

Dr. José Aguiar

Centre for Territory, Environment
and Construction (CTAC),
University of Minho, 4800-058
Guimarães, Portugal

Deadline for manuscript
submissions:

closed (31 October 2021)

Message from the Guest Editors

Dear Colleagues,

Further to the success of the Special Issue of *Materials* on “**Innovative Materials for Construction**”, we are delighted to open a new Special Issue entitled “**Innovative Materials for Construction II**”.

Most typical materials employed in today’s constructions present limitations, especially with regard to their durability, in either common or severe environmental conditions, and to their impact on the environment. In response to these issues, academic and industrial efforts around the world have been devoted to developing new smart materials that can provide efficient alternatives, can improve energy efficiency in buildings or are able to upgrade, repair, and protect existing infrastructures. Different and wide technological innovations are, therefore, quickly fostering advancements in the field of construction materials.

This Special Issue aims at providing a platform for discussing open issues, challenges, and achievements related to innovative materials proposed for the construction industry.

Prof. Dr. Mariaenrica Frigione
Prof. Dr. José Barroso de Aguiar
Guest Editors



mdpi.com/si/65006

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

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