



an Open Access Journal by MDPI

Building Materials Engineering and Innovative Sustainable Materials

Guest Editors:

Prof. Dr. Izabela Hager

Faculty of Civil Engineering,
Cracow University of Technology,
Warszawska 24, 31-155 Cracow,
Poland

Dr. Katarzyna Mróz

Faculty of Civil Engineering,
Cracow University of Technology,
Warszawska 24, 31-155 Cracow,
Poland

Prof. Dr. Tomasz Tracz

Faculty of Civil Engineering,
Cracow University of Technology,
Warszawska 24, 31-155 Cracow,
Poland

Deadline for manuscript
submissions:

closed (20 December 2023)

Message from the Guest Editors

Higher quality, more durable, and sustainable building materials have emerged due to the recent technological advancements. The construction industry requires materials that meet their increasing demand for both quality and quantity, while adhering to sustainable development principles. Modern building material research focuses on reducing energy consumption and the carbon footprint. With carbon emissions becoming a major topic of public discourse and policy, developing sustainable materials and incorporating them into building practices reduces the environmental impact of industrial and construction waste.

Prospective authors are invited to submit papers in any of the following areas:

- Building materials engineering;
- New generation concretes;
- Geopolymers;
- Design of modern materials;
- Sustainable building materials;
- Cement pastes and mortars;
- Durability and environmental impact;
- Performance testing;
- Modelling;
- Geopolymers;
- Fibre reinforcement;
- Waste management;
- Energy-efficient building materials;
- Dismantlement, reuse and recycling;
- Materials for 3D printing.



mdpi.com/si/167409

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)