

Special Issue

Construction and Building Materials and Their Nondestructive Testing

Message from the Guest Editor

The Special Issue on “Construction and Building Materials and Their Nondestructive Testing” will address advances in novel and enhanced construction and building materials that can contribute toward economical, long-lasting, environmentally friendly, and climate-adaptive structures. The construction and building materials covered include cement, concrete reinforcement, bricks and mortars, additives, unbound gravel and soil, ceramics, timber, steel, polymers, glass fibres, recycled materials, bamboo, rammed earth, non-conventional building materials, bituminous materials, railway materials, and plasterboards. Articles and reviews dealing with laboratory testing, field testing, and numerical modelling on the processing, characterisation, properties, performances, techniques for incorporating these novel materials in construction, quantifications of economic, environmental, climate-adaptive benefits of these materials, and NDT testing on these materials and structures are very welcome.

Guest Editor

Dr. Chaminda Gallage

School of Civil and Environmental Engineering, Faculty of Engineering,
Queensland University of Technology, Brisbane, Australia

Deadline for manuscript submissions

closed (20 November 2023)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 7.0
Indexed in PubMed



mdpi.com/si/115089

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

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





Materials

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 7.0
Indexed in PubMed



[mdpi.com/journal/
materials](https://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.

Editors-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

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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 (Materials Science, Multidisciplinary) / CiteScore - Q1 (Condensed Matter Physics)