



an Open Access Journal by MDPI

# Properties, Structures and Practical Applications of Eco-Friendly Cementitious Materials (Eco-CM)

Guest Editors:

**Dr. Xinyue Wang** 

Dr. Peng Wang

Dr. Linyuwen Ke

**Dr. Liqing Zhang** 

Prof. Dr. Weiwen Li

Deadline for manuscript

submissions:

20 October 2024

### **Message from the Guest Editors**

In recent years, there has been a significant global interest in the concept of eco-friendly materials. The vast use of cementitious materials brings a heavy burden on the environment. This Special Issue, Properties, Structures and Practical Applications of Eco-Friendly Cementitious Materials (Eco-CM), delves into an in-depth exploration of the material properties, structural modifications and practical applications of eco-friendly cementitious materials. Eco-CM invites submissions on studies related to the comprehensively analysis of the various characteristics exhibited by these materials. We encourage investigations aimed at revealing the potential of modifying the structural composition of cementitious materials for enhancing their performance and adaptability. Moreover, we welcome studies delving into the practical applications of these materials in diverse fields. By shedding light on the intricate interplay between material properties, their structural modifications and their practical applications, Eco-CM aims to offer valuable insights to researchers, engineers and practitioners that seek to optimize and innovate cementitious materials









an Open Access Journal by MDPI

# **Editor-in-Chief**

#### Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
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 iournal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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 - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

## **Contact Us**

*Materials* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials\_Mdpi