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Multifunctional Cementitious Composites: Manufacturing and Characterization

Guest Editors:

Prof. Dr. Hongzhi Zhang

School of Qilu Transportation,
Shandong University, Jinan,
China

Prof. Dr. Xiaojian Gao

School of Civil Engineering,
Harbin Institute of Technology,
Harbin 150001, China

Dr. Branko Šavija

Faculty of Civil Engineering and
Geosciences, Delft University of
Technology, 2628CN Delft, The
Netherlands

Deadline for manuscript
submissions:

20 October 2024

Message from the Guest Editors

Dear Colleagues,

The development of multifunctional cementitious composites has been a hot topic in the construction industry for the past decades. Techniques developed in other fields have been used to create multifunctional cementitious composites beyond what is possible with conventional technologies.

The aim of this Special Issue of *Materials* is to cover recent research in multifunctional cementitious composites with various functions, e.g., self-healing, self-sensing, self-cleaning, air-purifying, and so on. The focus is on the manufacturing process, material structure, and properties characterization and modelling of these materials on multiple length scales, ranging from the microscale (pore-scale) all the way up to the macroscale (structural element/structure scale). Mechanical properties, cracking, damage, time-dependent phenomena (shrinkage, creep, fatigue), aging, and durability properties are all topics of interest.



mdpi.com/si/96351



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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

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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