

Special Issue

Geopolymers and Fiber-Reinforced Concrete Composites (Second Edition)

Message from the Guest Editors

The Special Issue “Geopolymers and Fiber-Reinforced Concrete Composites” will address advances in the characterization, processing, scaling-up, testing, and commercialization of various types of geopolymers and alkali-activated materials, as well as fiber-reinforced concrete composites. In this Special Issue, we welcome research articles, case studies, and reviews that aim to enrich the available knowledge regarding such high-performance construction materials and highlight the latest findings at both the material and structural levels. Topics of interest include, but are not limited to, the following:

- Applications of steel, carbon, and polymeric fibers in concrete;
- Fiber-reinforced concrete and high-performance cement-based composites;
- Fiber hybridization;
- Fire resistance;
- Fresh, mechanical, and durability properties;
- Impact strength and bond, shear, flexural, cyclic, and cracking behaviors;
- Geopolymers and alkali-activated materials (i.e., concrete, mortar, adhesives) for different market applications;
- Natural and recycled fibers;
- Numerical modeling;
- Repair applications;
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Guest Editors

Dr. Mohamed K. Ismail

Dr. Ahmed A. Elansary

Dr. Eslam Gomaa

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

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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.

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

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