



materials



an Open Access Journal by MDPI

High Performance Concrete, Volume II

Guest Editor:

Dr. Sukhoon Pyo

Department of Urban and
Environmental Engineering,
Ulsan National Institute of
Science and Technology (UNIST),
Ulsan 44919, Republic of Korea

Deadline for manuscript
submissions:

closed (20 March 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue focuses on the advanced “**High Performance Concrete** (Second Volume)” and their applications, which will be published in *Materials*, an interdisciplinary journal dedicated to covering leading research and developments in the field of materials science and engineering. This Special Issue encompasses the field of advanced concrete- and/or cement-based composites and their structural applications. Potential topics include, but are not limited to, the following: nano-engineered cementitious composites; ultra-high performance concrete; sound-absorbable high performance concrete; sustainable construction materials; self-compacting concrete; engineered cementitious composites; highly durable concrete; ultra-lightweight concrete; and high strength–high ductility concrete.

Please consider this invitation to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Prof. Dr. Sukhoon Pyo
Guest Editor



mdpi.com/si/88110

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 - 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](https://twitter.com/Materials_Mdpi)