

Special Issue

Carbon Peaking and Carbon Neutrality in the Cement-Based Materials (2nd Edition)

Message from the Guest Editors

Dear colleagues, The purpose of this Special Issue is to provide an exchange platform on carbon peaking and carbon neutrality in the cement and concrete industries. This Special Issue welcomes research papers and review papers. Possible research topics include, but are not limited to, the following:

- Low-carbon cement and concrete;
- Magnesia-based cement;
- Alkali-activated cement and concrete;
- Mineral admixtures;
- Carbonation curing of concrete;
- Carbon capture;
- Carbon sequestration;
- Energy-saving and emission reduction in cement production;
- Material design considering CO₂ emission;
- Recycled aggregate concrete;
- Durability and sustainability.

Guest Editors

Prof. Dr. Xiaoyong Wang

Department of Integrated Energy and Infra System and Architectural Engineering, Kangwon National University, Chuncheon-Si 24341, Republic of Korea

Dr. Run-Sheng Lin

Department of Architectural Engineering, Kangwon National University, Chuncheon-si 24341, Republic of Korea

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4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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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