

## 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 CO<sub>2</sub> emission;
- Recycled aggregate concrete;
- Durability and sustainability.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 May 2025)



## Materials

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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.

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