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

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Deadline for manuscript  
submissions:

**closed (20 May 2025)**

### 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.

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*Guest Editors*



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# Special Issue



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## Message from the Editor-in-Chief

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