## Special Issue

# Sustainable Cementitious Materials for Civil and Transportation Engineering— 2nd Edition

## Message from the Guest Editor

The development of low-carbon construction materials has been recognized as a means of reducing the carbon footprint of the Portland cement and concrete industry. in response to growing global concerns over natural materials shortage and CO2 emissions from the construction sector. The concrete and cement industry has been under pressure to shift towards sustainability by developing alternative low-carbon cement and concrete materials. The purpose of this special issue is to focus on state-of-the-art progress, developments, and new trends on the physical and chemical mechanisms, fresh and harden properties, long term performance and durability of sustainable cementitious materials with low carbon emissions for civil and transportation engineering. Both original research and review articles are welcome. In particular, the topics of interest include but are not limited to:

- Low carbon cementitious binders
- Carbonation enhanced concrete
- alkali-activated materials or geopolymeric materials
- Recycled aggregate concrete
- Green admixtures for cement and concrete
- Long-term performance or durability of low-carbon concrete

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## Deadline for manuscript submissions

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