

Special Issue

Innovations in Durability of Sustainable Concrete Materials

Message from the Guest Editors

The durability of sustainable concrete materials depends on the intrinsic properties of the materials, including their chemistry, nano/microstructure and transport properties, under combined environmental actions and mechanical loading during service, are considered to be of great interest for many applications. This Special Issue encourages authors to submit research results on developments on the relevant topics in the research field of the durability of sustainable concrete. Contributions could take the form of experimental, computational modelling, and state-of-the-art review works in the following areas (but not limited to):

- Supplementary cementitious materials
- Alkali activated materials
- Wastes and by-products for more sustainable concrete
- Recycled aggregates (fine and coarse fractions)
- Fibre-reinforced cementitious materials
- Mix-design approaches for sustainable concrete
- Mechanical performance/characterization of sustainable concrete
- Durability of sustainable concrete
- Advanced modelling and simulation
- Service-life prediction
- Performance-based specifications for sustainable concrete

Guest Editors

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Deadline for manuscript submissions

closed (30 July 2023)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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