

Special Issue

Innovative Structural Applications of High Performance Concrete Materials in Sustainable Construction

Message from the Guest Editors

The present Special Issue is comprised of the application of sustainable materials, technologies, and strategies to new and existing structures. The need for developing innovative, sustainable and cost-effective solutions are significant.

Contributions on the following topics to this SI are welcome:

- Innovative high-performance materials for new and existing structures
- Innovative sustainable techniques for new and existing structures
- Structural applications of high- and ultra-high-performance fibre reinforced concrete (HPFRC and UHPFRC)
- Structural applications of alkali-activated materials (AAM)
- Analytical studies for the optimization of effectiveness, costs, and impact of innovative materials in new and existing structures
- Analytical models of innovative materials at structural level
- Code provisions and adaptation of current available models to new materials
- Evaluation of combined solutions of innovative and sustainable materials/techniques for structural and energy retrofit
- Case studies

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2021)



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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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