



Innovative Structural Applications of High Performance Concrete Materials in Sustainable Construction

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Message from the Guest Editors

Dear Colleagues,

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





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Message from the Editor-in-Chief

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