

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

Dr. Fausto Minelli

Prof. Dr. Enzo Martinelli

Prof. Dr. Luca Facconi

Deadline for manuscript submissions

closed (30 June 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/44173

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

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. *Sustainability* publishes original research articles, review 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

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)