



Sustainable Concrete Masonry: AAC and LWAC

Guest Editors:

Dr. Elena Michelini

Department of Engineering and
Architecture, University of Parma,
Parma, 43124, Italy

elena.michelini@unipr.it

Prof. Dr. Daniele Ferretti

Department of Engineering and
Architecture, University of Parma,
Parma, 43124, Italy

daniele.ferretti@unipr.it

Deadline for manuscript
submissions:

30 September 2021

Message from the Guest Editors

Dear Colleagues,

This Special Issue will collect the latest research on innovative concrete masonry components and assemblages. Contributions are welcomed on the following topics: experimental and theoretical research on innovative masonry components (blocks and/or mortars) with reduced environmental impact; experimental, theoretical, and numerical research focused on static and seismic performances of innovative masonry assemblages; experimental, theoretical, and numerical research focused on the behavior of innovative masonry assemblages under accidental loads (fire, impact, explosion, etc.); experimental, theoretical, and numerical research focused on environmental performances of innovative masonry assemblages (energy efficiency, building comfort, or other sustainability indices); evaluation of the environmental performance of innovative concrete masonry through LCA analyses; parametric studies for the optimization of products and systems, from both structural safety and sustainability standpoints; case studies.





an Open Access Journal by MDPI

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

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.

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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

Journal Rank: [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

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