Special Issue

Sustainable Concrete Masonry: AAC and LWAC

Message from the Guest Editors

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.

Guest Editors

Dr. Elena Michelini

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

Prof. Dr. Daniele Ferretti

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

Deadline for manuscript submissions

closed (31 October 2021)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/47378

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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. 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

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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

