

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

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Deadline for manuscript submissions

closed (31 October 2021)



Sustainability

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CiteScore 7.7



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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

Prof. Dr. Steve W. Lyon

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