

Special Issue

Environmental Life Cycle Assessment of Conventional, Non-conventional and Bio-Based Construction Materials

Message from the Guest Editors

The development of construction projects requires an effective description of improvement strategies to enhance the building performance over the entire life cycle, particularly in terms of environmental impact evaluation and sustainability. Construction materials play a major role in integrating different domain models, such as indoor environmental quality, reducing greenhouse gas emissions, thermal comfort, pollution, and energy efficiency, and protecting the built environment. In this Special Issue, we particularly welcome the submission of scientific contributions in the areas of natural sciences, engineering, and technological applications including (but not limited to) conventional, non-conventional, and bio-based materials and their environmental sustainability and carbon footprint, as well as life cycle impact assessment, pollution assessment, and energy performance design in buildings.

Guest Editors

Prof. Dr. Assed Naked Haddad
Prof. Dr. Mohammad Najjar
Dr. Mayara Amario

Deadline for manuscript submissions

closed (28 April 2024)



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

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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

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