



Eco-Friendly Materials for Civil Construction: Utilization and Advantages

Guest Editors:

**Prof. Dr. Carlos Maurício
Fontes Vieira**

**Prof. Dr. Gustavo de Castro
Xavier**

**Prof. Dr. Henry Alonso
Colorado Lopera**

**Prof. Dr. Sergio Neves
Monteiro**

Deadline for manuscript
submissions:
closed (1 August 2022)

Message from the Guest Editors

Planet earth is becoming unsustainable with an increasingly consumerist lifestyle and predatory to the environment. The linear economy has failed as a viable form of human development, as it entails a huge generation of waste and a negative impact on the environment. We consume poorly designed and energy-inefficient products without adequate reuse.

Both scientific and technical papers are welcome to aim at our advanced understanding of eco-friendly building materials, promote saving in energy and pollutants reduction in the extraction of raw materials, manufacturing process or in the final application. Building materials can be more durable and also incorporated with urban, agricultural, or industrial wastes.

The topics covered in this Special Issue (but are not limited to):

- Eco-friendly building materials
- The life cycle of building materials
- Waste incorporated building materials
- Recycling and circular economy of building materials
- Heavy ceramics with industrial and agro-industrial residues
- Mortar with industrial wastes and natural fibers
- Alkali-activated materials
- Composite with natural fibers and wastes
- Artificial rocks with industrial waste
- Cleaner steel manufacturing process





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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

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Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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