



Eco-Friendly Materials for Civil Construction: Utilization and Advantages

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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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Message from the Editor-in-Chief

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