

Special Issue

Utilization of Advanced Materials in Civil Engineering

Message from the Guest Editors

In recent years we have witnessed an enormous growth of urban areas, the construction industry needs to start to adopt proper and responsible measures in order to develop more sustainable, durable and advanced constructive solutions. The utilization of advanced materials in the construction industry allows construct buildings based on eco-friendly materials or with functional properties, which increase the comfort of its occupants, without environment damage. This Special Issue is under the theme “Utilization of Advanced Materials in Civil Engineering”, include but are not limited to the following topics: - Functional and smart concretes and mortars; - Advances in nanomaterials; - Developments in natural-based materials; - Developments in carbon-based materials; - Self-healing materials applied in civil engineering; - Latent heat storage solutions for buildings; - Constructive solutions with phase change materials; - Advanced materials for rehabilitation in civil engineering; - Durability of advanced materials; - Advanced polymers for civil engineering; - Advanced materials for rehabilitation in civil engineering.

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Deadline for manuscript submissions

closed (20 June 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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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. *Sustainability* publishes original research articles, review 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.

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