



Utilization of Advanced Materials in Civil Engineering

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Message from the Guest Editors

Dear Colleagues,

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;



engineering;



sustain



- Durability of advanced materials;
- Advanced polymers for civil engineering;
- Advanced materials for rehabilitation in civil engineering.

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