

Special Issue

Innovative Building Materials for Sustainable Built Environment

Message from the Guest Editors

The environmental footprint and lasting functionality of structures are widely recognized as paramount issues in the civil engineering field. Smart composite materials, which quickly respond to various external stimuli, represent an attractive solution for environmentally friendly and intelligent civil structures.

The purpose of this Special Issue is to publish original research and review articles about the recent advances on the following:

- Sustainable construction materials with special functions;
- The reuse of waste materials and recycled aggregates for sustainable structures;
- Innovative materials and systems for combined energy and structural performance improvement;
- Self-sensing cementitious composites and their applications for SHM;
- Applications of alkali-activated materials in civil engineering;
- Self-healing cementitious materials.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2024)



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/194478

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

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