



Construction Materials for Safe and Sustainable Built Structures

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closed (10 June 2024)

Message from the Guest Editors

The aim of this Special Issue is to publish up-to-date research contributions related to emerging civil engineering materials for sustainable built structures, including advanced reinforcing materials and concrete composites. We particularly encourage the submission of studies describing the retrofitting of existing structures by means of new materials, as well as those addressing the structural integrity assessment of existing structures. Potential topics include:

- Composite materials for sustainable structures;
- Composite materials as repair/strengthening materials;
- Fiber-reinforced polymer (FRP) composites for construction applications;
- Geopolymer composites used as low-carbon construction materials;
- Ecofriendly construction materials with the use of waste materials;
- Structural integrity assessment of existing and retrofitted/consolidated structures;
- In-service life calculation of new and existing structures;
- Advanced machine learning techniques for the performance design and prediction of innovative construction materials.





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Message from the Editor-in-Chief

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