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New and Emerging Construction Materials

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closed (30 June 2019)

Message from the Guest Editor

Dear Colleagues,

Construction materials have played a major role, from ancient times, in the development of built environments and civilizations. Ground-breaking advancement in the area of construction materials occurred during the last decade. We invite you to submit high-quality research or review papers to this Special Issue, with an emphasis on innovative new and emerging materials. Some areas include, but are not limited to, green cement, photocatalytic cement, geopolymer mortar and concrete, hempcrete masonry, carbon-negative materials, nano-concrete, nano-particles modified asphalt and asphaltic concrete, micro- and nano-fibre reinforced composites, anti-seismic reinforcement, see-through or translucent concrete, hydroceramics, floating concrete, translucent wood, aerogel or air glass insulation, nano-coatings, and self-cleansing materials. The papers on smart construction materials, such as bio-concrete, self-healing sealants or coatings, shape-memory alloy or shape-shifting metal, and self-sensing materials will also be considered.

Prof. Md. Safiuddin

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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