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
Materials (ISSN 1996-1944) was launched in 2008. The journal covers fourteen comprehensive topics: Biomaterials; Energy Materials; Composites; Structure Analysis; Porous Materials; Manufacturing Processes; Advanced Nanomaterials; Smart Materials; Thin Films; Catalytic Materials; Carbon Materials; Materials Chemistry; Materials Physics; Optics and Photonics; Corrosion; Building Materials. The distinguished and dedicated editorial board and our strict peer-review process ensure the highest degree of scientific rigor and review of all published articles.

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