

Special Issue

Mechanical Fracture and Fatigue Characteristics of Cement-Based Composites

Message from the Guest Editor

Nowadays, the recent advances in green concrete have brought us closer than ever to creating building materials that are even stronger than conventional concrete, being less harmful to the environment. Green concrete may refer to more eco-friendly cement technologies that are either in development or currently available on the market. Its production process needs to be more friendly to the environment. The sustainability of the materials involved needs to be considered when determining which concretes qualify as green. More research related to green concrete has been conducted, and yet this is not enough to provide for the current demand on the market. Therefore, more new studies may need to be proposed in the Special Issue for the development of green concrete.

Guest Editor

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Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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