

Special Issue

Properties and Applications of Cement-Based Composites (2nd Edition)

Message from the Guest Editor

Cement is an indispensable binder for modern construction and has been used for structural and nonstructural purposes for centuries. Although cement is sometimes neglected because it is a very familiar material, it is also one of the most stable binders available to humans, offering infinite possibilities. Various types of inorganic binders similar to cement have been proposed for full replacement or partial inclusion in order to provide construction materials with unique properties. Moreover, cement can be seen not only as a basic material for concrete but also as a functional binder that is different from metals or polymers. This Special Issue aims to expand the knowledge on new types of properties and application areas for cement composites.

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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