Special Issue

New Advances in Self-Compacting Concrete and Geopolymer Concrete

Message from the Guest Editor

The aim of the Special Issue is to publish the best research on self-compacting concrete (SCC) and geopolymer concrete (GC) incorporating fiber reinforcement, lightweight aggregates, heavyweight aggregates, recycled concrete aggregates, tire derived aggregates, recycled glass aggregates, rice husk ash, etc. In doing so, this Special Issue will present the results of research on the properties and performance of SCC and GC; novel experimental techniques; the latest analytical and modelling methods; the examination and the diagnosis of real SCC and GC structures; and the potential for improved and innovative SCC and GC. Relevant topics to this Special Issue include, but are not limited to, the following subjects:

- Self-compacting concrete;
- Geopolymer concrete;
- Fibers reinforcement;
- Recycled concrete aggregates;
- Tire derived aggregates;
- Lightweight aggregates;
- Heavyweight aggregates;
- High temperatures;
- Durability;
- Concrete technology.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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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