

Special Issue

High Strength Concrete Testing, Modelling and Design

Message from the Guest Editor

This Special Issue is focused on presenting recent achievements in the field of high-strength concrete research, design and application. The topics, covered by this issue include, but not limited to the following:

- Experimental investigation of high-strength concrete materials;
- Effective high-strength mix proportioning;
- Testing high-strength concrete structures and elements;
- Optimal design of high-strength concrete elements;
- High-strength concrete ductility;
- Strength and durability aspects of high-strength concrete;
- Composite elements, made of high-strength concrete;
- Fibered high-strength concrete;
- Dynamic response of high-strength concrete structures;
- Seismic design of high-strength concrete structures;
- Novel methods for numerical modelling of high-strength concrete structures and elements;
- Theoretical models for high-strength concrete elements.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2021)



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About the Journal

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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