

Special Issue

Concrete in Structural Engineering: Fabrication and Mechanical Behavior

Message from the Guest Editors

The aim of this Special Issue is to publish papers that advance the field of concrete materials and structures through the approach of numerical analyses and experimental tests. The proposed approaches should include new or enhanced insights into construction for reinforced concrete, pre-stressed concrete, cementitious material fabrication, and mechanical behavior of concrete members. Aware of the comprehensiveness of the suggested topic, we encourage you to send manuscripts containing scientific findings within the broad field of concrete research, which can be combined into the following topics: material effects, material behaviors, structural analysis, seismic design, earthquake engineering, structural monitoring, composite structures, lab and field testing, hazard reduction systems, and smart structures. Both theoretical and practice-oriented papers, including case studies and reviews, are also encouraged.

Guest Editors

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Deadline for manuscript submissions

closed (10 December 2022)



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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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