

Special Issue

Masonry Structures and Reinforced Concrete Structures

Message from the Guest Editors

Masonry and reinforced concrete are the most common materials applied in building structures and buildings. Developments in the field of material and construction solutions, modelling, and design methods have been dynamic in recent years. There is a tendency towards increasing the slenderness of masonry structures, improving strength parameters, and increasing sound and thermal insulation. This Special Issue focuses on new structural and material solutions for masonry and reinforced concrete structures. This subject matter also includes laboratory tests, theoretical analyses, and numerical simulations. Therefore, this Special Issue calls for papers in (but not limited to) the following areas:

- Results from testing masonry units and mortar;
- Studies on concrete mixes and specimens of hardened concrete;
- Results from testing and analysing masonry specimens;
- Studies on reinforced concrete units;
- Studies and analyses on masonry walls;
- Studies and analyses on reinforced concrete structures;
- Numerical modelling of masonry and reinforced concrete structures;
- Probabilistic analyses of structures;
- Development of new methods of designing.

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2023)



Materials

an Open Access Journal
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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



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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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