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Masonry Structures and Reinforced Concrete Structures

Guest Editors:

Prof. Dr. Łukasz Drobiec

Department of Building
Structures, Silesian University of
Technology, Gliwice, Poland

Dr. Radosław Jasiński

Department of Building
Structures and Laboratory of Civil
Engineering Faculty, Silesian
University of Technology, Gliwice,
Poland

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submissions:

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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.



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Special Issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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