

Special Issue

Sustainable Concrete Structures

Message from the Guest Editors

The main goal of this Special Issue is to show the potential of concrete, as the second most used material after water, to contribute to sustainable development and thus to meet targets defined in the UN Sustainable Development Goals. The Special Issue titled “Sustainable Concrete Structures” will be focused on developments, applications, methods, and case studies related to the sustainable use of concrete in buildings and civil structures or in the manufacturing of concrete elements. The scope includes the analysis of scientific progress in methods and technologies supporting the sustainable design of concrete structures and/or the sustainable manufacturing of concrete mixes and concrete elements. In particular, the scope of this Special Issue will encompass the use of innovative methods to orientate the design towards sustainability requirements, including optimization procedures, LCA analysis, and digital tools and platforms to integrate sustainable design. Furthermore, the Special Issue aims to illustrate the technologies for innovating the manufacturing of concrete elements and structural works (recycling procedures and materials, additive manufacturing, etc.).

Guest Editors

Prof. Dr. Petr Hájek

Prof. Dr. Harald S. Müller

Prof. Dr. Domenico Asprone

Deadline for manuscript submissions

closed (31 January 2021)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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