



## Sustainable Concrete Structures

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submissions:

**closed (31 January 2021)**

### 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.).





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## Message from the Editor-in-Chief

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