



Green and Low-Carbon Concrete Technology and Construction

Guest Editor:

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Message from the Guest Editor

In this Special Issue, current research into materials, building types, operating strategies and cost requirements relevant to green low-carbon durable maintenance-free concrete technology and construction will be the primary focus of attention. However, the niche features of this research field have led to considerable scattering of literary sources and a lack of information exchange between researchers in the relevant subfields. Moreover, the latest research achievements have not been summarized and innovated. This Special Issue aims to overcome these problems, as it provides an opportunity to create a collection of studies of green low-carbon durable maintenance-free concrete technology and construction. We invite authors to submit written contributions to this Special Issue, which can include, but are not limited to, the following subjects:

- green low-carbon cement and building materials;
- low-carbon design and preparation of buildings;
- cementitious capillary crystalline waterproofing materials;
- concrete structures;
- carbon peaking and carbon neutrality;
- durability of concrete structures;
- architecture and the environment.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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