

## Special Issue

# Sustainable Concrete Materials and Resilient Structures, 2nd Edition

### Message from the Guest Editor

The climate emergency is the most significant threat to our planet. Concrete materials and structures play a critical role in making societies resilient, stronger and safer. Among the construction materials currently employed in building, civil engineering and other infrastructures, concrete is by far the most disaster-resilient and can be incorporated into structures to enhance their resilience, in accordance with the UN's sustainable development objectives. This Special Issue focuses on sustainable and low-carbon-based concrete materials, as well as resilience-based design and construction for civil infrastructure systems. It aims to address the following scope/topics of interest:

- constituent materials
- concrete properties and testing
- processing
- concrete structural analysis and design
- structural health monitoring

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### Guest Editor

Dr. Jiping Bai

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### Deadline for manuscript submissions

20 May 2026



## Applied Sciences

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## About the Journal

### 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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### Editor-in-Chief

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