

## Special Issue

# Next-Generation Concrete: Innovations in Material Composition and Structural Performance

### Message from the Guest Editors

Dear Colleague,

As global infrastructure continues to develop intensively, the requirements for construction materials are becoming increasingly stringent. Concrete, the most widely used construction material in the world, is undergoing a transformation driven by the need for enhanced performance, sustainable development, and technological progress. This Special Issue explores cutting-edge advancements in concrete technology, focusing on new material compositions and structural characteristics of concrete with improved properties and expanded functionalities. We invite authors to submit experimental research findings dedicated to the development of high-performance and durable modified concretes, paving the way for the next generation of engineering solutions.

We invite scientists, researchers, and engineers to submit their latest discoveries, which will significantly contribute to the understanding and advancement of next-generation concrete and highlight the importance of new technological solutions in this rapidly evolving field.

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### Guest Editors

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### Deadline for manuscript submissions

20 February 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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