

## Special Issue

# Concrete Structures: Latest Advances and Prospects for a Sustainable Future

### Message from the Guest Editors

In recent years, an important part of the research has been devoted to the experimental and theoretical analysis of new concrete-based construction materials, made by incorporating recycled materials, fatigue-resistant materials, nano-sized particles, etc. with the final goal of increasing the sustainability, durability, and performance of the new constructions. Regarding the existing concrete building stock, there is a growing attention towards safety and retrofitting interventions. In this field, the research is mainly focused on the experimental technologies for the assessment of the safety level, modeling of the concrete structure, damage assessment, design procedures of the rehabilitation strategies, and innovative solutions for the achievement of target performances. However, many issues in these areas yet remain. The aim of the Special Issue is to contribute to the systematization and dissemination of knowledge related to recent advances in these fields of concrete structures. We would like to invite researchers to contribute original research articles as well as review articles.

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### Guest Editors

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### Deadline for manuscript submissions

closed (29 February 2024)



## Applied Sciences

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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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