

## Special Issue

# Study on Lightweight Concrete: Latest Advances and Prospects

### Message from the Guest Editors

This Special Issue (SI) will delve into various aspects of lightweight concrete, including material properties, production technologies, applications in construction engineering, mechanical performance, and environmentally friendly variants. Researchers from around the world are invited to contribute original research, case studies, and reviews to foster knowledge exchange and collaboration in the field. The SI is dedicated to addressing key questions in the lightweight concrete domain, such as advancements in material science, innovative production techniques, and the practical implications of incorporating lightweight concrete in real-world construction projects. By bringing together diverse perspectives and expertise, we aim to provide a comprehensive overview of the latest developments and potential avenues for further exploration in the field of lightweight concrete. This collection will serve as a valuable resource for researchers, practitioners, and industry professionals interested in staying abreast of the latest advancements and future directions in lightweight concrete technology.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 June 2025)



## 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

Prof. Dr. Giulio Nicola Cerullo  
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