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The Advanced Development in Concrete Materials: Properties and Construction Techniques

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Message from the Guest Editors

Dear Colleagues,

Concrete is the world's second most utilised material on earth following water, with an annual production exceeding 30 billion tonnes. It cannot be replaced as a unique construction material with many advantages. However, traditional concrete practises pose significant challenges regarding durability, sustainability, cost, and construction techniques. Intensive research has been conducted to support concrete development, mitigate its environmental impact, and align with global agendas. Additionally, concrete has demonstrated its ability to incorporate various waste materials, thereby reducing strain on landfills worldwide. The development of concrete construction techniques has also been under the attention of researchers, especially with today's revolution in digitalisation.

This Special Issue aims to delve into recent innovations within the aforementioned topics.

Researchers are most welcome to contribute their latest innovations in sustainable concrete and advancements in concrete construction techniques. Comprehensive review papers focusing on these areas are also highly recommended for submission.







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Message from the Editor-in-Chief

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