

# Special Issue

## Advanced Eco-Efficient Concrete

### Message from the Guest Editors

With portland cement production accounting for 7% of global anthropogenic CO<sub>2</sub> and with cement production expected to increase by upwards of 20% in the coming decades, it is evident that the carbon footprint of concrete and other cementitious composites needs to be minimized. The objective of this Special Issue is to present novel contributions to the production of sustainable structures with eco-efficient concrete, which includes, but is not limited to: recycled and by-product aggregates, recycled materials, recycled fibers, alternative supplementary cementitious materials, life cycle analysis, novel and alternative cementitious systems, service life assessment and durability, carbon capture and utilization strategies, and strategies for approaching green civil infrastructure.

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### Guest Editors

Dr. Alexander S. Brand

Dr. Amir Behravan

Dr. Sivakumar Ramanathan

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### Deadline for manuscript submissions

closed (25 July 2022)



## Applied Sciences

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### 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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