

## Special Issue

# Sustainable Structural Design for High-Performance Buildings and Infrastructures

### Message from the Guest Editors

In this Special Issue, we want to focus on recent advancements and trends for sustainable design of high-performance buildings and structures. We invite the publication of original research studies, review papers, and experimental and/or numerical investigations on the mentioned topics. The analysis of sustainable structures is welcome at different levels, including material, component, and assembly aspects. Both new design projects or the retrofit and mitigation of existing structures, as well as case studies, will be of interest for this Special Issue. Keywords:

- structural systems
- environmental and climate change
- ambient conditions
- vulnerability assessment
- extreme design loads
- experiments
- numerical simulations
- hazard
- scour
- infrastructure
- sustainability
- reliability
- risk

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### Guest Editors

Dr. Chiara Bedon

Dr. Mislav Stepinac

Dr. Marco Fasan

Dr. Ajitanshu Vedrtanam

Prof. Dr. Maged A. Youssef

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### Deadline for manuscript submissions

closed (31 March 2022)



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## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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### Editor-in-Chief

Prof. Dr. Steve W. Lyon

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(Geography, Planning and Development)