

Special Issue

Reinforced Concrete Structures, Seismic Reliability and Sustainability

Message from the Guest Editors

We are pleased to introduce this Special Issue on the reliability and sustainability of reinforced concrete structures. In spite of reinforced concrete structures not being generally the most sustainable solutions from an environmental point of view, reinforced concrete is preferred for most situations due to the other advantages that it presents. One of this is its optimal behavior in middle-high-risk seismic areas thanks to an obtainable ductility–strength combination. Therefore, in this Special Issue, each of you is invited to propose solutions which are able to integrate sustainability and seismic reliability in the design of reinforced concrete structures and/or strategies for intervention on existing structures aiming to increase seismic reliability while avoiding the higher impact of reconstruction after demolition.

- structural sustainability
- reinforced concrete sustainability
- economy and sustainability
- life-cycle analysis
- material quality impact
- seismic behavior of sustainable concrete structures
- case studies
- improvement or retrofitting of existing structures

Guest Editors

Prof. Dr. Liborio Cavaleri

Prof. Dr. Ruben P. Borg

Prof. Dr. Panagiotis G. Asteris

Deadline for manuscript submissions

closed (25 March 2023)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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. *Sustainability* publishes original research articles, review 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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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