

Special Issue

Sustainability and Resilience of Structural Engineering, Mechanics, and Materials

Message from the Guest Editors

This Special Issue endeavors to present a collection of research and practice-oriented works on sustainable and resilient SEMM (SR-SEMM). The scope of the Issue covers the lifecycle of engineering projects from inception to implementation and after-life operations, including re-use, recycling, and upcycling efforts. The Special Issue also aims to assess sustainable and resilient practices and the application of rating frameworks and objective methods in SEMM.

Applications of SR-SEMM include but are not limited to high-performance, lightweight, recycled, and upcycled materials; bio-inspired, nano-mechanics, and composite systems; engineering guidelines and specifications; and other SEMM advancements. The overall purpose of the Special Issue is to offer best SEMM practices for (a) the reduction of net embodied energy, energy consumption, and water consumption; (b) the reduction of land and water contamination, greenhouse gas emissions, and air pollutant emissions; (c) enhancing long-term adaptability and extending the useful life of infrastructures; and (d) minimizing noise, vibration, and other adverse impacts on communities.

Guest Editors

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Deadline for manuscript submissions

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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

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