





an Open Access Journal by MDPI

Sustainable Applications of Advanced Technology in Engineering Structures

Guest Editors:

Dr. Laddu Bhagya Jayasinghe

Department of Earth and Environmental Sciences, Ludwig Maximilians University of Munich, 80333 Munich, Germany

Dr. Juan Antonio Munizaga-Plaza

Department of Earth and Environmental Sciences, Ludwig Maximilians University of Munich, 80333 Munich, Germany

Deadline for manuscript submissions:

31 December 2024

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to delve into the nexus of technology and sustainability in engineering structures, emphasizing areas such as:

- Sustainable and Eco-Friendly Building Materials: investigating materials that align with new environmental goals.
- Integration of Advanced Technologies in Construction Processes: exploring innovations like 3D printing for enhanced sustainability.
- 3. Smart Design Strategies: emphasizing integrated design procedures for energy efficiency.
- Waste Reduction and Management: highlighting approaches to minimize or repurpose construction waste.
- Resilient Structures through Technology: showcasing advancements that can ensure structures stand the test of time.

We look forward to receiving your contributions.









an Open Access Journal by MDPI

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

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 and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us