Special Issue

Resilience Enhancement and Sustainable Development of Engineering Structures

Message from the Guest Editors

Engineering structure refers to various load-bearing components made of building materials that are interconnected into a certain form of combination in buildings, structures, and facilities such as houses, bridges, railways, marine engineering, ports, and underground engineering, supporting the healthy development of the entire society and the operation of cities. With the continuous construction of more and more cross sea bridges, immersed tube tunnels, highspeed railways, dams, ports, ocean platforms, and highrise buildings worldwide, the resilience and sustainable development of engineering structures have become key challenges for the safe use of various infrastructure in extreme environments such as high-altitude cold, large canyons, and complex sea areas. This Special Issue aims to explore in depth the design, construction, and operation maintenance of engineering structures, with a focus on the resilience of engineering structures under complex environmental conditions and extreme loads, as well as their healthy operation throughout their entire service life cycle.

Guest Editors

Prof. Dr. Chengqing Liu

Dr. Ying Ma

Dr. Dengjia Fang

Deadline for manuscript submissions

1 December 2025



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/218971

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

