

Special Issue

Sustainable Bridge: Design, Construction, Maintenance and Retrofitting

Message from the Guest Editors

This Special Issue (SI) aims to present recent advances and emerging cross-disciplinary research in terms of sustainable bridges. Studies from experimental testing, analytical approaches, numerical simulation, and emerging algorithms to achieve the goal of sustainable bridges are more than welcome. It is our pleasure to invite you to submit a manuscript for this SI. Technical articles and review papers are expected to reflect original research and technological advances on topics that include but are not strictly limited to, the following fields.

- Emerging bridge design methodologies and related advanced technologies, such as Artificial Intelligent and Augment Reality.
- Advanced materials or technologies and their applications in bridge construction and retrofitting.
- Structural health monitoring and inspection methods in bridge maintenance.
- Influence on bridge durability from extreme events and rehabilitation strategies towards service life extension.

Guest Editors

Dr. Haibin Zhang
Dr. Hongya Qu
Dr. Xingxing Zou

Deadline for manuscript submissions

closed (31 October 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/146468

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

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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)