

Special Issue

Sustainable Materials and Structures in Civil Engineering

Message from the Guest Editors

Civil engineering materials and structures are essential in today's world. Increasing the sustainability of materials and structures in civil engineering has been an important but challenging topic. In particular, under the pressure of carbon neutrality, new knowledge is urgently required for understanding the performance of new materials and structures in regard to safety, stability, and sustainability for civil engineering development. This Special Issue aims to cover recent research on the mechanical performance, reliability, stability, durability, and whole-life management of sustainable materials and structures in civil engineering. The Special Issue is focused on, but not limited to, new materials, structures, reusing waste for civil engineering, experimental methods, in situ monitoring/testing methods, theoretical models, and computational methods with respect to cement and concrete, low-carbon construction materials, rock mechanics, corrosion and deterioration, time-dependent reliability, prevention of deterioration, and fracture and failure at multi-scales.

Guest Editors

Dr. Xun Xi

Dr. Xu Wu

Dr. Jinglai Sun

Dr. Jiajie Li

Deadline for manuscript submissions

closed (20 September 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/169282

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)