

## Special Issue

# Sustainable Structural Design and Risk Management

### Message from the Guest Editors

This Special Issue of *Sustainability* will address and consolidate new research findings regarding sustainable structural design as a combination of new design principles, new materials, and new technologies to improve their performance and overall efficacy in servicing their beneficiaries. In light of these recent developments, this Special Issue invites original submissions and review articles covering some of the recent advances in sustainable structural design practices, as well as the assessment of potential risk from theoretical, experimental, or numerical perspectives. Topics may include, but are not limited to:

- Case studies and field observations;
- Numerical modelling;
- Material behavior—experimental or numerical studies;
- Innovative sustainable structures;
- Innovative sustainable materials;
- Eco-friendly materials;
- Sustainable construction practices;
- Constitutive modelling;
- Life-cycle assessment for sustainable materials;
- Sustainable materials in manufacturing applications.

---

### Guest Editors

Prof. Dr. Ștefan Lucian Tabacu

Department of Road Vehicles and Transports, University of Pitesti,  
110040 Pitesti, Romania

Dr. Catalin Marian Ducu

Department of Manufacturing and Industrial Management, University of  
Pitesti, 110040 Pitesti, Romania

---

### Deadline for manuscript submissions

closed (1 November 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/147231](https://mdpi.com/si/147231)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto: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)