



## Megatrends in Construction: Where Does Sustainability Stand in Civil Engineering?

Guest Editors:

**Prof. Dr. Danièle Waldmann-Diederich**

Institute for Solid Structures,  
Faculty of Civil and  
Environmental Sciences,  
Technical University of  
Darmstadt, 64287 Darmstadt,  
Germany

**Dr. Laddu Bhagya Jayasinghe**

Faculty of Science, Technology  
and Medicine, University of  
Luxembourg, L- 4364 Esch-sur-  
Alzette, Luxembourg

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editors

The main objective of the Special Issue of Sustainability concerns the progress in the areas of sustainability in civil engineering. The Special Issue “Megatrends in Construction: Where Does Sustainability Stand in Civil Engineering?” will be focused but not limited to:

- Sustainable and eco-friendly new building materials;
- Use of 3D printing in sustainable construction;
- Design for deconstruction;
- Integration of Building Information Modelling for sustainable construction;
- Innovative technologies and systems;
- Lifecycle assessment of sustainable buildings;
- Recycling and reuse of construction waste materials.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

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

## 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.

## 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)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)