





an Open Access Journal by MDPI

# **Sustainable Practices in Bridge Construction**

Guest Editors:

### Dr. Vanni Nicoletti

Department of Construction, Civil Engineering and Architecture (DICEA), Università Politecnica delle Marche, Ancona, Italy

### Dr. José Campos Matos

Civil Engineering Department, School of Engineering, Minho University, Campus de Azurem, 4800-058 Guimaraes, Portugal

### Dr. Jakub Kralovanec

Department of Structures and Bridges, Faculty of Civil Engineering, University of Žilina, Univerzitná 8215/1, 010 26 Žilina, Slovakia

Deadline for manuscript submissions:

15 November 2024

### **Message from the Guest Editors**

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Eco-Friendly Materials: the use of sustainable and recyclable materials in bridge construction.
- Energy-Efficient Design: the incorporation of design elements to optimize energy consumption and reduce environmental impacts.
- Local Sourcing: preferences for locally sourced materials to minimize transportation-related emissions and support regional economies.
- Innovative Construction Techniques: the adoption of advanced construction methods that reduce environmental degradation and resource consumption.
- Waste Management: the implementation of efficient waste-management strategies to minimize the environmental footprint of construction activities
- Social Impact Assessment: consideration of the broader impacts on local communities, including stakeholder engagement and safety prioritization.
- Life Cycle Assessment: the evaluation of the environmental impact of a bridge over its entire life cycle, from construction to decommissioning.









an Open Access Journal by MDPI

### **Editor-in-Chief**

#### Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

## **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 sustainability related to and sustainable development. Sustainability publishes original research articles, review articles and communications, I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering 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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

#### **Contact Us**