

Special Issue

Sustainable Practices in Bridge Construction

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.

Guest Editors

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Deadline for manuscript submissions

closed (15 November 2024)



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