Special Issue

Bridges of the Future: Sustainable Infrastructure and Structural Stability

Message from the Guest Editor

This Special Issue centers on the intersection of sustainability, innovation, and structural stability in bridge engineering. The Special Issue welcomes original research, reviews, and case studies that cover a range of topics, including the following: Sustainable materials and design strategies for bridges; Life-cycle assessment and carbon footprint reduction in bridge construction; Structural dynamics and long-term performance: Climate-resilient and adaptive bridge infrastructure; Advanced monitoring, diagnostics, and Al-based decision tools: The integration of renewable energy and smart technologies in bridges; Retrofitting and extending the service life of aging bridge assets. It aims to showcase innovative research and practices that contribute to designing, constructing, maintaining, and monitoring resilient and sustainable bridges capable of meeting future societal, environmental, and technological demands.

Guest Editor

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Deadline for manuscript submissions

20 May 2026



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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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

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