

Special Issue

Sustainable Infrastructure Engineering: Intelligent Construction, Structural Health Monitoring and Sustainable Materials

Message from the Guest Editor

This Special Issue aims to provide a platform for recent advances in theories, methods, and practical applications that promote sustainability in buildings and civil infrastructure. Topics of interest include, but are not limited to, green and low-carbon building design, high-performance and eco-friendly materials, life cycle assessment and optimization, energy-efficient and climate-adaptive envelopes, resilient and smart structures, and sustainability-oriented design strategies. We particularly welcome contributions that integrate structural health monitoring, sensing and control technologies, data-driven approaches, and digital twins to support condition assessment, damage detection, reliability analysis, and intelligent maintenance decision-making for structures. Interdisciplinary studies that bridge architecture, civil engineering, materials science, and urban planning are especially encouraged. In this Special Issue, original research articles, case studies, and review papers are all welcome

Guest Editor

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Deadline for manuscript submissions

31 March 2027



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/269825

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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

Prof. Dr. Steve W. Lyon

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