

Special Issue

Resilient Infrastructure for Climate Action: The Nexus of Technology, Management, and Innovation

Message from the Guest Editors

Climate change has become one of the greatest global challenges of the 21st century, with profound implications for infrastructure systems that support economic development, social well-being, and environmental sustainability. This Special Issue focuses on the intersection of technology, management, and innovation in advancing resilient infrastructure for climate action. It invites contributions on innovative technical solutions—such as artificial intelligence and digital twins—that improve infrastructure performance, as well as management strategies that support risk-informed decisions and multi-stakeholder collaboration. We encourage integrated approaches that deliver scalable, cost-effective, and socially inclusive solutions. By bringing together interdisciplinary research, this Special Issue aims to foster knowledge exchange across engineering, management, and policy communities, offering actionable insights for sustainable infrastructure development. Ultimately, the goal is to contribute to global climate action through resilient infrastructure systems that not only mitigate risks but also create opportunities for green growth and social equity.

Guest Editors

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Deadline for manuscript submissions

30 September 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/254414

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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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