

Special Issue

Sustainable and Resilient Infrastructure Development and Operation: Innovative and Adaptive Project Planning, Management, and Finance Measures

Message from the Guest Editors

As public goods, infrastructures produce varying degrees of positive and negative external effects on economic, social, and ecological systems. To prepare future-ready infrastructures for the fast-changing world, sustainability and resilience should be considered as key features and should be prepared for from multiple perspectives. To address these challenges and to embrace new opportunities, innovative and adaptive project planning, management, and finance measures should be emphasized during the life cycles of infrastructures. Innovative and adaptive management measures, augmented with advanced technologies—such as big data, deep learning, digital twin, and Internet of Things (IoT)-based smart health monitoring—should be studied and implemented to enhance the resilience of infrastructures in the face of disasters and any health risks in long-term service. This Special Issue aims to advance our collective knowledge of project planning, management, and finance to tackle the challenges of sustainable and resilient infrastructure development and operation. We look forward to receiving your contributions.

Guest Editors

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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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