

Special Issue

Towards Resilient Infrastructure

Message from the Guest Editors

Infrastructure systems, inclusive of power, transportation, water, and communications, play critical roles in modern society by providing essential products and services. However, they are facing urgent and emerging challenges from human-made and natural disasters, and aging issues. Climate change is expected to increase the frequency and intensity of extreme weather events in the future. This further highlights the need for resilient infrastructure systems, which are expected to survive, adapt, and recover quickly from external disturbances. To this end, many research efforts have been and are being put into assessing and enhancing infrastructure resilience. Potential themes for papers to be submitted to this Special Issue include but are not limited to the following:

- Multi-hazard risk assessment;
- Infrastructure resilience modeling and optimization;
- Post-disaster recovery;
- Risk-informed decision-support frameworks;
- Dependencies and interdependencies between infrastructure systems;
- Interaction between social, economic, and physical systems.

Guest Editors

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Deadline for manuscript submissions

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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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