

Special Issue

Advances in Resilience Engineering and Risk Management for Sustainability

Message from the Guest Editors

Resilience engineering and risk management are undergoing transformative changes due to the compound effects of climate volatility, accelerated technological disruptions, health management challenges, and increasingly stringent sustainability requirements. These disciplines now play pivotal roles in ensuring the long-term sustainability and viability of critical infrastructure systems, from energy grids and transportation networks to water distribution and digital infrastructure. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Sustainability-driven resilient infrastructure design and climate adaptation;
- Risk modeling and sustainability integration in health management;
- AI and digital technologies for predictive risk management;
- Sustainability and resilience in supply chain networks;
- Policy frameworks for sustainable and resilient urban systems;
- Community-based disaster preparedness and sustainable recovery;
- Cybersecurity and resilience in infrastructure.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Kaiye Gao

Dr. Fangqiu Xu

Dr. Tingting Wang

Deadline for manuscript submissions

31 December 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/258740

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

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

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)