

Special Issue

Sustainable Management of Multi-Hazard Natural Disasters and Industrial Accidents

Message from the Guest Editors

In recent years, the increasing impacts of climate change and rapid urbanization have added new layers of complexity to multi-hazard risks, including natural disasters and industrial accidents. Increasingly frequent and intensive emergencies, including heavy rain, hurricanes/typhoons, heatwaves, and severe convection weather, have increased the likelihood and randomness of multi-hazard scenarios, such as NATECH (natural hazard-triggered technological accidents) events and domino accidents. The emerging multi-hazard risks pose a threat to human health, industrial development, and infrastructure management in urban and rural areas. Also, the advent of new technologies such as hydrogen energy, artificial intelligence, and the Internet of Things introduces emerging hazards such as hydrogen explosions, automatic system failures, and cybersecurity threats. This Special Issue aims to show the growing trend of multi-hazard research and contribute to sustainable development goals. This SI calls for research and review articles focused on the modeling and management of multi-hazard disasters and accidents, as well as other topics surrounding risk reduction and emergency management.

Guest Editors

Dr. Zhichao He

Dr. Meng Lan

Dr. Yiping Bai

Prof. Dr. Ana María Cruz

Deadline for manuscript submissions

30 June 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/234692

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

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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

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

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