

## Special Issue

# Disaster Resilience and Sustainability of Structures and Infrastructures

### Message from the Guest Editors

The new theories, methods and technologies, as well as other research works that can improve the disaster resilience and sustainable performance of structure and infrastructure engineering, are welcome in this Special Issue. **Topics may include but are not limited to:**

- resilience assessment of structures and infrastructures;
- multi-disaster effects, including those from earthquakes, blasts, collisions, fires, wind, waves, floods and landslides, as well as multi-hazards;
- resilient structural systems, including the isolation system, low-damage system and rocking system;
- the use of high-performance material (including high-strength steel, high-strength reinforcement, high-strength concrete, UHPC and ECC) in structures and infrastructure engineering;
- the rapid repair method;
- service performance of structures and infrastructures in extreme environments (including marine environments, frozen soil environments and extremely low temperature environments);
- lifetime service performance of structures and infrastructure;
- data-driven and machine learning-based approaches to disaster resilience assessment.

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### Guest Editors

Dr. Junsheng Su  
Prof. Dr. Xiaohui Yu  
Dr. Yutao Pang  
Dr. Xiyin Zhang

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### Deadline for manuscript submissions

closed (30 December 2023)



## Sustainability

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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.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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