



Damage Diagnosis and Safety Assessment of Bridge Structures under Multiple Hazards

Guest Editors:

Prof. Dr. Kai Wei

Dr. Mingjin Zhang

Dr. Jian Zhong

Dr. Yutao Pang

Deadline for manuscript
submissions:

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Message from the Guest Editors

This Special Issue aims to gather manuscripts on the recent scientific developments in probabilistic hazard analysis, structural exposure models, damage diagnosis methods, testing and measurement techniques, dynamic behavior and protection technology, damage mechanism, risk assessment framework, and resilience-based approaches. It will provide important theoretical and technical support for bridge damage diagnosis and safety assessment, and promote communication and cooperation between design, construction, research, teaching, and production. This Special Issue welcomes original contributions and recent progress on the fundamental theory, research papers, and case studies on, but not limited to, the following topics:

- Dynamic behavior and mechanism of bridges under multiple hazards;
- New technology and methods of damage diagnosis for bridge structures;
- Intelligent sensing technology for bridge health monitoring;
- Risk- and resilience-based evaluation and design for bridges;
- Life cycle analysis, retrofit, and rehabilitation;
- Multi-disaster effect and vulnerability models;





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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