

Special Issue

Vulnerability Assessment with Modelling Approaches in Structural Systems

Message from the Guest Editor

In the past few decades, cities in the developing world face outstanding economic and human losses due to natural or human-made hazards. Vulnerability assessments of existing buildings, cultural heritage assets, and infrastructures are a crucial part of a risk mitigation methodology to improve the quality of preventive measures, emergency management, and resilience of cities. It is our pleasure to invite you to submit a manuscript for this Special Issue, gathering original research contributions and critical reviews that go beyond the current knowledge in the vulnerability assessment of existing structures by means of experimental, numerical, and analytical investigations. Areas of interest include, but are not limited to: experimental and numerical modeling and analysis of structures; vulnerability assessment of buildings and infrastructures such as bridges, roads, and dams, etc.; developing 3D digital twins of cultural heritage assets etc. For further information about the topics of interest, please visit:
https://www.mdpi.com/journal/systems/special_issues/vamass

Guest Editor

Dr. Mahdi Kioumarsi

1. Department of Built Environment, Oslo Metropolitan University, Oslo, Norway
2. Department of Engineering, Ostfold University College, Fredrikstad, Norway

Deadline for manuscript submissions

closed (8 March 2022)



Systems

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.1



mdpi.com/si/96940

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

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





Systems

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.1



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



About the Journal

Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

Editor-in-Chief

Prof. Dr. Ben Clegg
Operations & Service Management Department, Aston Business
School, Aston University, Birmingham B4 7ET, UK

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SSCI (Web of Science), Ei
Compendex, dblp, and other databases.

Journal Rank:

JCR - Q1 (Social Sciences, Interdisciplinary) / CiteScore -
Q2 (Modeling and Simulation)