

## Special Issue

# Advanced Tools for Modelling and Simulation of Tsunami-Related Phenomena

### Message from the Guest Editors

Tsunami hazard is a rare phenomenon with a potentially very high impact on people and property. Considerable effort has been devoted to research on tsunami in various fields of science. The fundamental parts of many studies stem from comprehending the essential characteristics of tsunami or tsunami hazard, building or establishing sufficiently comprehensive models, and simulating the possible impacts under defined scenarios. This Special Issue is open to a broad range of studies discussing modelling and simulation from all perspectives. For more information, please visit: [mdpi.com/journal/systems/special\\_issues/mstp](http://mdpi.com/journal/systems/special_issues/mstp) The Special Issue aims to publish research papers dealing with original findings or novel approaches to the modelling and simulation of any aspect of tsunami as a complex system integrating research ranging from hard technical disciplines to soft fields of study.

### Guest Editors

Prof. Dr. Vladimír Bureš

Faculty of Informatics and Management, University of Hradec Králové,  
Rokitanského 62, 50003 Hradec Králové, Czech Republic

Dr. Pavel Čech

Faculty of Informatics and Management, University of Hradec Králové,  
Rokitanského 62, 50003 Hradec Králové, Czech Republic

### Deadline for manuscript submissions

closed (20 October 2022)



## Systems

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.1  
CiteScore 4.1



[mdpi.com/si/111961](http://mdpi.com/si/111961)

*Systems*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[systems@mdpi.com](mailto:systems@mdpi.com)

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