

Special Issue

Management of Water Supply Systems Resilience and Reliability

Message from the Guest Editors

Water supply systems (WSS) are critical infrastructure systems and should be managed appropriately to ensure safety and operational reliability. Currently, new threats to WSS operation appear related to ongoing climate change, the decreasing availability of drinking water resources and new water pollutants (microplastics, hormones, pharmaceuticals, etc.). One of the ways to maintain the reliability and safety of WSS operation is to build systemic resilience to these threats. As part of this Special Issue of *Systems*, we plan to collect high-quality research in the field of WSS reliability and resilience management. We would like to encourage the researchers to make research contributions in the following fields:

- Reliability assessments of water infrastructure;
- Resilience analyses of water infrastructure;
- Safety analyses of water supply;
- Water supply management strategies;
- Risk assessments of water supply;
- Diversification of water supply;
- Water supply crisis solutions;
- Identification of new threats for water supply.

For detailed information, please visit:

mdpi.com/journal/systems/special_issues/5O73K11B06

Guest Editors

Dr. Jakub Żywiec

Dr. Dawid Szpak

Dr. Izabela Piegdon

Dr. Krzysztof Boryczko

Deadline for manuscript submissions

closed (30 June 2025)



Systems

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.1



mdpi.com/si/221753

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)