water

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 6.0

Water Supply System (WSS) Reliability, Safety and Risk Modelling & Assessment

Guest Editors:

Prof. Dr. Janusz Rak
Department of Water Supply and Sewerage Systems, Faculty of Civil, Environmental Engineering and Architecture, Rzeszow University of Technology, 35-959 Rzeszow, Poland

Dr. Katarzyna Pietrucha-Urbanik
Department of Water Supply and Sewerage Systems, Faculty of Civil, Environmental Engineering and Architecture, Rzeszow University of Technology, 35-959 Rzeszow, Poland

Deadline for manuscript submissions:
closed (30 November 2022)

Message from the Guest Editors

Reliability and safety of engineering systems are permanent scientific and operational issues. They become even more pressing issues if these engineering systems belong to critical infrastructures. A Water Supply System is a critical infrastructure in modern societies. The first mission of a WSS is to provide households with potable water in the required quantity, at the appropriate pressure, and on demand, as required by statutory regulations. The risk assessment is primarily focused on supply disruption risk (shortage or deficit) and their consequences on the environment, the consumer health, and the global security of the city. The examination of the current operational state, potential major threats, and the related hazards, should all be part of every risk assessment. The proposed approaches are meant to address a wide spectrum of the WSS reliability, safety and risk modelling, and assessment issues.[…]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/water_WSS

water

IMPACT FACTOR 3.0

CITESCORE 6.0

an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.
Journal Rank: JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI