



Advances and Challenges in the Sustainable Water Management

Guest Editors:

Prof. Dr. Mariusz Sojka

Department of Land Improvement, Environmental Development and Spatial Management, Poznań University of Life Sciences, Piątkowska 94E, 60-649 Poznań, Poland

Dr. Dariusz Młyński

Department of Sanitary Engineering and Water Management, Faculty of Environmental Engineering and Geodesy, University of Agriculture in Krakow, 30-059 Krakow, Poland

Deadline for manuscript submissions:

closed (31 December 2023)

Message from the Guest Editors

The main factor affecting water resources is human activity, which leads to a change in the natural water cycle through land use and land cover modification and construction of dams and weirs. Overconsumption and pollution of surface and groundwater resources contribute to a reduction of available water resources. In addition, periodic droughts, floods, and the projected impact of climate change on water resources make access to water increasingly limited and uncertain. At present, new methods for water management are searched for, and the currently used methods are optimized in all economic sectors in order to make efficient use of available water resources. It is preferred to close water cycles or to recycle water using highly efficient waste treatment technologies. Sustainable water management, which is crucial for the protection of water resources and reasonable use of water, should take into account the requirements of ecosystems. This Special Issue invites researchers in environment protection, environmental engineering, civil engineering, spatial planning, geography, and other disciplines and cross-disciplinary fields.





an Open Access Journal by MDPI

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

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)