

Special Issue

Sustainable Groundwater Management—the Role of Hydrogeology, Remediation, Risk Assessment, and Climate Change

Message from the Guest Editors

Sustainable groundwater use and development becomes critical in dealing with extremely climate events and pursuing United Nations Sustainable Development Goals. Groundwater resources serve as a vital source for regional water supply under the climate change condition. However, improper use of the available groundwater resources leads to serious environmental disasters such as land subsidence or seawater intrusion. A groundwater management to secure ecologically and environmental sound groundwater resources for next generations requires technologies and strategies in many aspects including hydrogeology, monitoring, pollution prevention, remediation, risk assessment, governance, and political inputs. In this Special Issue, we invite articles that focus on—but not limit to—the following topics: (1) groundwater and hydrogeology (2) groundwater resource assessment and management (3) groundwater pollution, remediation, and risk assessment (3) cutting-edge technologies for hydrogeological survey (4) groundwater resource for climate change adaption and Sustainable Development Goals

Guest Editors

Prof. Dr. Hwa-Lung Yu

Dr. Shao-Yiu Hsu

Dr. Jui-Pin Tsai

Dr. Yojin Shiau

Deadline for manuscript submissions

closed (31 December 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/92629

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



About the Journal

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.

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

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, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)