

## Special Issue

# Prospect Assessment and Sustainable Management of Urban and Rural Groundwater Supply

### Message from the Guest Editor

Due to global climate change, humid regions worldwide are becoming semi-humid and evergreen grasslands are turning yellow during summer. The direct reason is a reduction in precipitation and an increase in evaporation, which reduces groundwater levels and depletes open reservoirs that supply potable water to households and agriculture. This ongoing situation calls for a paradigm change that involves the development of a holistic approach to water resource management and, in particular, groundwater resource development. In this Special Issue, we seek papers that address subjects such as groundwater management, flood into recharge strategies, the evaluation and development of urban recharge zones, the development of artificial aquifers, and other subjects that relate to groundwater development strategies.

---

### Guest Editor

Dr. Yaakov Anker

Department of Chemical Engineering and the Eastern R&D Center, Ariel University, Ariel 4070000, Israel

---

### Deadline for manuscript submissions

closed (11 February 2025)



Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 8.9



[mdpi.com/si/187566](https://mdpi.com/si/187566)

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

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





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 8.9



[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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

---

### 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, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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