

Special Issue

Sustainable Management of Water Resources in Arid Environments—Innovative Approaches

Message from the Guest Editors

Dear colleagues, Arid lands cover about 41% of the earth's surface and sustain over 900 million people. These regions are faced with persistent issues such as water scarcity, frequent droughts, high climatic variability, and degradation in the form of desertification and biodiversity loss.

Crop yields in these regions are low due to infertile soils with weak structure, frequent droughts, and low and unpredictable rainfall, and the typical yearly rainfall cannot meet farmers' minimum water needs. Crops in these areas frequently experience acute water stress during sensitive and vulnerable stages of growth, such as flowering and grain filling, which has a disastrous impact on agricultural yields. The aim of this Special Issue is to compile the experiences of scientists, researchers, and academics to facilitate the achievement of sustainable yields in arid and semi-arid regions. We look forward to receiving your contributions. Prof. Dr. Mirza Barjees Baig Prof. Dr. Mohamed Behnassi Prof. Dr. Shahbaz Khan

Guest Editors

Prof. Dr. Mirza Barjees Baig

Dr. Mohamed Behnassi

Prof. Dr. Shahbaz Khan

Deadline for manuscript submissions

closed (31 January 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/147599

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)