

Special Issue

Hydrological Management Adopted to Climate Change

Message from the Guest Editors

This Special Issue of *Sustainability* calls for innovative research papers to contribute to assessing the climate change impact over the hydrological processes at different scales, from catchment, to region, and to globe considering two strategies: 1) modeling research to recognize climate change quality and quantity on hydroclimatologic variables to incorporate the various aspects of climate change impacts, and 2) developing decision-making policies to prevail against the adverse consequences of climate change. Keywords

- climate change impact
- hydrological processes
- water resources management and planning
- decision making
- downscaling of climate models
- watershed models
- sustainability
- droughts
- floods
- ecosystems
- surface and groundwater vulnerability
- evapotranspiration
- socioeconomic effects

Guest Editors

Prof. Dr. Vahid Nourani

1. Faculty of Civil and Environmental Engineering, Near East University, Near East Boulevard 99138, Turkey

2. Faculty of Civil Engineering, University of Tabriz, Tabriz 51368, Iran

Dr. Aida H. Baghanam

Department of Water Resources Engineering, Faculty of Civil Engineering, University of Tabriz, Tabriz 51368, Iran

Deadline for manuscript submissions

closed (31 August 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/103870

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)