

Special Issue

Hydrology of Semi-Arid Regions, Natural Resources and their Sustainability

Message from the Guest Editors

Dear Colleagues, Semi-arid regions show high rainfall spatial and temporal variability and an aridity index between 0.2 and 0.5. These regions represent 15% of the total land area, and are home to 14% of the global population. Anthropogenic activities and climate change pose a challenge for extreme hydrologic events management, and inflict a continuous pressure on natural resources—soil degradation, erosion, salinity, and low soil organic carbon content—to attend the demand for goods and services, threatening the livelihoods of the population and causing migration. This Special Issue aims to publish high-quality research papers on the interdisciplinary fields of hydrology, natural resources and sustainability to support decision making towards the provision of ecosystem services to improve livelihood in semi-arid regions. Prof. Dr. Maria João Simas Guerreiro

Guest Editors

Dr. Maria Simas Guerreiro

UFP Energy, Environment and Health Research Unit (FP-ENAS),
University Fernando Pessoa, 4249-004 Porto, Portugal

Prof. Eunice M. Maia de Andrade

Departamento de Engenharia Agrícola, Universidade Federal Rural do
Semi-Árido, 59 625 900 Mossoró, RN, Brasil

Deadline for manuscript submissions

closed (31 December 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/76794

Sustainability

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 6.8



[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, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

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