



Hydrology and Climate-Change Impact Assessment and Adaptation

Guest Editor:

Dr. Tirupati Bolisetti

Department of Civil and
Environmental Engineering,
University of Windsor, Windsor,
ON N9B3P4, Canada

Deadline for manuscript
submissions:

closed (31 July 2022)

Message from the Guest Editor

Dear Colleagues,

According to the IPCC 5th Assessment Report and other subsequent reports from the IPCC, it is unequivocal that the increasing emissions of greenhouse gases are leading to climate change. This is having a profound effect on water resources, which in turn are having a significant impact on socioeconomic and political scenarios. The changing climatic conditions are projected to cause an increased number of extreme weather events, such as cyclones, hurricanes, and typhoons, leading to floods on the one hand and extreme droughts on the other. These, in turn, impact ecosystems, water quality, agricultural productivity, and infrastructure service conditions.

Sustainability aims to bring out a Special Issue compiling recent research and developments across the globe in this area.

Dr. Tirupati Bolisetti

Guest Editor

- climate-change impacts
- climate adaptation
- hydrological modeling
- bias correction
- uncertainty





an Open Access Journal by MDPI

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

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.

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](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)