

Special Issue

Application of MODIS Data for Water Resources Management

Message from the Guest Editor

Controlling water in different conditions is an essential knowledge around the world. And water resources management is directly related to quality of human life. Hydrological variables modeling is one of the most complex environmental modeling due to the involvement of different climate parameters. Then researchers are trying to use new technology for overcoming to water extreme events. Satellite data-set as a new technology can provide the vital component of global observing systems for helping to control of water. Through this Special Issue invites contributions from researchers working in the field of water sciences using any MODIS dataset. The contribution can be related to (but not restricted to) the following: Using of MODIS data in water science; Prediction of water cycle variables via MODIS product; Assessment of long-term water changes; Flood control and forecasting; Drought monitoring and prediction; Data fusion approaches; Comparison hydrological variables with station-based observations; Spatial-temporal analysis; Investigating effects of climate change on water resources systems; Algorithm development

Guest Editor

Dr. Babak Mohammadi

Hydrology Research Unit, Swedish Meteorological and Hydrological Institute, SE-601 76 Norrköping, Sweden

Deadline for manuscript submissions

closed (26 March 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/77666

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)