

Special Issue

Agricultural Drought and Climate Change: Drought Indices, Impacts, and Projections

Message from the Guest Editors

In the last few decades, anthropogenic activities altered the components of the atmosphere and led to climate change. The agriculture sector is the most vulnerable sector to climate change, owing to its massive size and sensitivity to weather parameters, thereby causing huge economic impacts. The purpose of this Special Issue of *Sustainability* MDPI is to gather research papers on advances in geospatial technology tools, climate change models and crop yield simulation, machine learning approach-based drought assessment, agro-climatic indices, and remotely sensed data-based drought indices for monitoring meteorological and agricultural drought, future projections of drought events, and potential mitigation strategies.

- climate change
- agricultural drought
- drought indices
- agro-ecosystems
- remote sensing data
- crop yield simulation
- agro-climatic indices
- geospatial technology tools
- sustainable farming

Guest Editors

Dr. Karam Alsafadi
Dr. Amit Kumar Srivastava
Dr. Brian Odhiambo Ayugi

Deadline for manuscript submissions

closed (12 June 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/164912

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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