

Special Issue

Food Systems to Address Climate Challenges

Message from the Guest Editors

This Special Issue invites papers that investigate the interlinkages between food systems and climate change across multiple scales. By food system in this Special Issue, we mean the web of all activities from production through processing and transport to consumption. Climate change is closely interlinked with each of these food system components via its impact, adaptation, and mitigation. The current food systems contribute to 21–37% of the total anthropogenic greenhouse gas emissions that contribute to climate change. In return, climate change negatively impacts food systems and all four pillars (availability, accessibility, utilization, and stability) of food security. Agriculture that protects the planet and supports a healthy population requires a functional understanding of the interlinkages between climate and food systems. Such an understanding at multiple scales can help to stimulate transformation towards sustainable, inclusive, healthy, and climate-resilient food systems.

Guest Editors

Dr. Tek Sapkota

International Maize and Wheat Improvement Centre (CIMMYT),
Texcoco, Mexico

Dr. Tai McClellan Maaz

University of Hawaii at Manoa, Honolulu, United States

Dr. Prajal Pradhan

Urban Transformations Group, RD2 Climate Resilience, Potsdam
Institute for Climate Impact Research (PIK), Potsdam, Germany

Deadline for manuscript submissions

closed (31 December 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/62173

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)