

Special Issue

Effects of Climate Change on Dry Farming Systems

Message from the Guest Editors

Climate change results in new agro-ecological environments worldwide, with increasing risk for production safety in many regions. This Special Issue, “Effects of Climate Change on Dry Farming Systems”, aims to publish research articles that contribute to a better understanding of the interactions of agro-climatic conditions, water balance in soil, and the adaptation of crops. Studies both at global and regional scales are welcome. The focus is on crop production and horticulture under extreme weather conditions such as drought and heat stress. We are especially interested in papers covering modeling trends, identifying critical points that must be addressed in the short- and mid-term, predicting future scenarios using different models, and assessing management alternatives (e.g., potential technological solutions and dry farming) to decrease vulnerability, and to maintain or improve crop productivity. Original research articles and reviews are welcome.

Guest Editors

Dr. Csaba Juhász

Institute of Land Use, Engineering, and Precision Farming Technology,
Faculty of Agriculture and Food Sciences and Environmental
Management, University of Debrecen, H-4032 Debrecen, Hungary

Dr. Elza Kovács

Institute of Land Use, Engineering and Precision Farming Technology,
Faculty of Agricultural and Food Sciences and Environmental
Management, University of Debrecen, H-4032 Debrecen, Hungary

Deadline for manuscript submissions

closed (15 October 2023)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 4.5
CiteScore 7.8



mdpi.com/si/170131

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)





Agriculture

an Open Access Journal
by MDPI

Impact Factor 4.5
CiteScore 7.8



[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)



About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

Editor-in-Chief

Prof. Dr. Les Copeland
Sydney Institute of Agriculture, School of Life and Environmental
Sciences, The University of Sydney, Sydney, NSW 2006, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), GEOBASE, PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)