



an Open Access Journal by MDPI

Sustainable Weed Control under Climate Change

Guest Editor:

Dr. Khawar Jabran

Department of Plant Production and Technologies, Nigde Omer Halisdemir University, Nigde 5120, Turkey

Deadline for manuscript submissions: closed (29 February 2024)

Message from the Guest Editor

Dear Colleagues,

Anthropogenic activities have led to severe climatic changes that have critically impacted all aspects of life, with serious implications for crop production and protection. Although some benefits for crop production are hinted at, climate change is expected to negatively affect factors involved in crop protection, including weed

biology, herbicide efficacy and the sustainability of weed management. Hence, this Special Issue intends to explore the consequences of climatic changes on the abovementioned topics.

In addition to research on the effect of shifting climate conditions on herbicide properties, studies proposing methods to achieve sustainable weed control under a changing climate are welcomed for this Special Issue.

Suitable topics for this Special Issue could include:

Impact of climate change on herbicide properties;

Impact of climatic change on weed growth;

Impact of climatic change on herbicide efficacy;

How climate change affects the sustainability of weed management;

Studies proposing methods to achieve sustainable weed control under a changing climate.





mdpi.com/si/111836





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, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/sustainability sustainability@mdpi.com X@Sus_MDPI