

Special Issue

The Role of Agriculture in Climate Change Adaptation and Mitigation

Message from the Guest Editors

Our planet is home not only to humans, but to animals and plants too; however, today, we are all faced with global threats that have been caused exclusively by humans. Humankind impact our planet in every possible way, both positively and negatively. A threat we are all familiar with is climate change, which has many faces. Agriculture, a fundamental human activity that produces basic human needs and goods, is extremely vulnerable to the negative effects of climate change. The vulnerability of agricultural production refers not only to basic crop/food/feed production, but its widespread influence on every sector and activity, including social, economic, political, human health, etc. Increases in resource consumption, human population growth, and the application of unsustainable production practices are the factors causing unprecedented levels of human-induced environmental, land, and soil degradation. Today, more than ever, the global community has the obligation to contribute at every level, local, regional, and global, to mitigate and adapt to the negative effects of climate change. Agriculture and climate change have a causally consequential relationship.

Guest Editors

Prof. Dr. Danijel Jug

Faculty of Agrobiotechnical Sciences Osijek, University of J.J. Strossmayer in Osijek, Vladimira Preloga 1, 31000 Osijek, Croatia

Dr. Jurica Jović

Faculty of Agrobiotechnical Sciences Osijek, University of J.J. Strossmayer in Osijek, Vladimira Preloga 1, 31000 Osijek, Croatia

Deadline for manuscript submissions

closed (25 May 2025)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/187004

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 3.6
CiteScore 6.3



[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, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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), PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

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