



## Climate Change and Sustainable Food Production

Guest Editor:

**Prof. Dr. Grzegorz Zaguła**

Department of Bioenergetics,  
Food Analysis and Microbiology,  
Institute of Food Technology and  
Nutrition, College of Life  
Sciences, University of Rzeszow,  
2D Ćwiklińskiej Street, 35-601  
Rzeszow, Poland

Deadline for manuscript  
submissions:

**closed (25 March 2024)**

### Message from the Guest Editor

Climate change, both directly and indirectly from human activity, threatens the achievement of all sustainable development goals. Climate change has a significant impact on health across the globe. Climate change is currently contributing to the global burden of disease. Effects observed around the world include changes in infectious and non-communicable disease rates caused by changes in temperature, extreme weather events, and changes in the distribution of plant and animal species, air quality, and food. The length, frequency, and intensity of these effects are predicted to increase as climate change intensifies.

The purpose of this Special Issue is to describe changes in the climate and their effects on plants and animals and on world food production. Of particular interest is:

The changing rainfall waves, flooding of land areas, the increase in average temperatures, the increase in the frequency of extreme weather phenomena, the appearance of new plant and animal species in areas that have not existed before, the problems of food production, and the impact of climate change on food production.





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, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)