



## Promising Technologies and Methods to Ensure Sustainable Crop Production

Guest Editors:

**Dr. Tomas Necas**

**Prof. Dr. Josef Balík**

**Dr. Ivo Ondrášek**

**Dr. Tomáš Kiss**

Deadline for manuscript  
submissions:

**closed (29 September 2022)**

### Message from the Guest Editors

Dear Colleagues,

The efficient sustainable production of plant-based food resources is an important milestone for the entire agricultural sector in the context of ongoing climate change. Effective approaches in this evolving, sustainable production and research direction can represent revolutionary contributions in the improvement of crop and food production and the reduction of the ecological impact on the valuable environment.

This Special Issue targets modern, gentle, and precise approaches in the production of agricultural and horticultural crops; effective pathogen diagnosis; plant protection; and breeding and introduction of low-input crops, resistant varieties, or varieties and species with low ecological burden in the new growing environment.

Research contributions which in essence bring progress in this area are acceptable. Contributions bringing comprehensive solutions to the described problem are welcome, as are those presenting significant or revolutionary solutions to partial aspects of crop production or food production and related fields.

Dr. Tomáš Nečas

Prof. Dr. Josef Balík

Dr. Ivo Ondrášek

Dr. Tomáš Kiss





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](#)