



## Sustainable Crop Production Systems

Guest Editors:

**Dr. Yanbo Huang**

United States Department of  
Agriculture, Agricultural Research  
Service, Crop Production  
Systems Research Unit,  
Stoneville, MS, USA

**Dr. Lav R. Khot**

Department of Biological  
Systems Engineering,  
CPAAS/IAREC, Washington State  
University, Prosser, WA, USA

Deadline for manuscript  
submissions:

**closed (30 March 2019)**

### Message from the Guest Editors

Existing crop production systems need to be adapted to a changing climate, technological landscape and are critical to rhw sustainable food security of quality produce. Crop production management typically includes use of monitoring tools, and effective pest, nutrient, and irrigation management, as well as post-harvest management. From this perspective, this Special Issue will encourage publications of scientific, technological and engineering research aspects of crop genetic modeling, high throughput phenomics, precision agriculture, plant physiology, and agronomic practices to realize sustainable crop production systems. Manuscripts that address advancements in the above areas, with field validation emphasis, as well as critical review of technologies/tools that increase scientific knowledge will be considered in this issue. Manuscripts will be subjected to a rigorous peer-review procedure with the aim of rapid and wide information dissemination.





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](#)