



## Managing Agricultural Value Chains in a Rapidly Urbanizing World

Guest Editor:

**Prof. Dr. Peter J. Batt**

Institute of Agriculture, The  
University of Western Australia,  
35 Stirling Highway, 6009 Perth,  
Australia

[peter.batt@uwa.edu.au](mailto:peter.batt@uwa.edu.au)

Deadline for manuscript  
submissions:

**30 November 2021**

### Message from the Guest Editor

Dear Colleagues,

While increasing urbanisation presents abundant opportunities for food producers, it also presents a number of significant challenges. With increasing imports, food chains become longer and, with that, cities become more susceptible to climate-induced food shortages, breakdowns in logistics, and failures in food safety management systems.

Furthermore, with an estimated 20 percent of greenhouse gas emissions being generated by agriculture, forestry, and land use change. Post production, the food system is thought to be responsible for another 6% of GHG emissions.

So should more focus attention on the downstream portions of food value chains, food quality and safety, transport and logistics, and improved food waste management must occur in parallel.

This Special Issue of *Agronomy* invites manuscripts that holistically address the various challenges associated with:

- enhancing productivity while minimizing environmental impact
- facilitating the adoption of biodiversity and alternative food production systems
- facilitating the inclusion for smallholder farmers
- minimising food waste





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Peter Langridge**

School of Agriculture, Food and  
Wine, University of Adelaide,  
Urrbrae SA 5064, Australia

## Message from the Editor-in-Chief

*Agronomy* draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

## 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), AGRICOLA, AGRIS, and many other databases.

**Journal Rank:** JCR - Q1 (*Agronomy*) / CiteScore - Q2 (*Agronomy and Crop Science*)

## Contact Us

---

*Agronomy*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/agronomy](http://mdpi.com/journal/agronomy)  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)