

## Special Issue

# Energy Saving, Environment Protection Technologies, and Machines in Crop Production

### Message from the Guest Editors

Increasing healthy food production and energy use efficiency, as well as optimizing the cost effectiveness of production and reducing greenhouse gas (GHG) emissions, are currently the most important objectives of agriculture. The efficiency and environmental impact of crop production can be measured using a variety of energy consumption and GHG emission indicators, respectively. In this Special Issue, we invite you to share the results of your high-quality research, energy, environmental, and economic assessment analyses, and insights on sustainable crop production technologies, including soil protection, the use of different fuel-saving agricultural machinery processes, precision farming, reduced tillage, direct sowing, crop care, and harvesting in a variety of organic and conventional farming systems.

---

### Guest Editors

Prof. Dr. Egidijus Šarauskis

Agriculture Academy, Faculty of Agricultural Engineering, Institute of Agricultural Engineering and Safety, Vytautas Magnus University, Studentu Str. 15A, LT-53362 Akademija, Kaunas Distr., Lithuania

Dr. Vilma Naujokienė

Department of Agricultural Engineering and Safety, Vytautas Magnus University, Akademija, Kaunas District, Studentu Str. 11, LT-53361 Kaunas, Lithuania

---

### Deadline for manuscript submissions

closed (10 July 2021)



## Agronomy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 7.6



[mdpi.com/si/54644](https://mdpi.com/si/54644)

*Agronomy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)

[mdpi.com/journal/  
agronomy](https://mdpi.com/journal/agronomy)





# Agronomy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 7.6



[mdpi.com/journal/  
agronomy](https://mdpi.com/journal/agronomy)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,  
Charles Sturt University, Wagga Wagga, NSW 2678, 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), GEOBASE, PubAg, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)