



## Multi-Functional Cultivation of Crops

Guest Editor:

**Prof. Dr. Kestutis Romaneckas**

Department of Agroecosystems  
and Soil Sciences, Agronomy  
Faculty, Agriculture Academy,  
Vytautas Magnus University,  
Studentu Str. 11, Kaunas distr.,  
LT-53361 Akademija, Lithuania

Deadline for manuscript  
submissions:

**closed (5 January 2022)**

### Message from the Guest Editor

Dear Colleagues,

Multi-functional crop cultivations may enlarge the productivity of the biomass, protect against the spread of weeds, diseases, and pests, stabilize and restore soil fertility, improve the nutritional and energy efficacy of the harvest or raw biomass production. In this Special Issue, research papers, communications, and review articles are all welcome. Special Issue will highlight the agro-technological design (sowing methods, seed rate and distribution, fertilization methods and rate, harvesting methods, etc.) of multi-functional cultivations, the selection and combination of crop species, allelopathy, and their concurrence with each other and weeds or pests. Attention will also be paid to studies addressing the impact of inter-cropping on soil properties, nutrient leaching or runoff, GHG emissions, and the development, quantity, and quality of main production and biomass. Research data on multi-functional biomass processing for energy purposes (e.g., solid bio-fuel) are also welcome.

Prof. Dr. Kestutis Romaneckas

*Guest Editor*





an Open Access Journal by MDPI

## **Editor-in-Chief**

### **Prof. Dr. Leslie A. Weston**

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

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

## **Contact Us**

---

*Agronomy* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/agronomy](http://mdpi.com/journal/agronomy)  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)  
[X@Agronomy\\_Mdpi](https://twitter.com/Agronomy_Mdpi)