



an Open Access Journal by MDPI

Advances in Integrated Crop-Livestock Systems Research

Guest Editor:

Dr. Laíse Pontes

Rural Development Institute of Paraná-IAPAR-Emater, Av. Euzébio de Queirós, s/n°, CP 129, Ponta Grossa 84001-970, PR, Brazil

Deadline for manuscript submissions: closed (30 April 2024)

Message from the Guest Editor

Over the years, intensive monoculture in agricultural areas has led to negative environmental impacts, such as rising atmospheric greenhouse gas concentrations, water-quality degradation, decreasing groundwater levels, a loss of biodiversity, soil erosion, and land degradation. This continued decline in environmental quality will create food security problems in the near future since the resource base necessary for food production is in the process of degradation. Hence, the agricultural community is facing its greatest question to date: how can food production be increased to maintain food security and, at the same time, to protect and restore environmental quality? In this respect, integrated crop-livestock systems have been encouraged worldwide as they align with the principles of cleaner production, and optimize the productivity per unit of the natural resource

In this Special Issue, we aim to exchange knowledge on any aspects related to integrated crop–livestock systems, thus facilitating their introduction to improve crop/animal production in these more complex systems and to adequately take advantage of their ecological benefits.



mdpi.com/si/185270







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), PubAg, AGRIS, and other databases.

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

Contact Us

Agronomy Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/agronomy agronomy@mdpi.com X@Agronomy_Mdpi