Special Issue

Developing Integrated Crop-Livestock Systems with Resilience to Climate Change

Message from the Guest Editor

The key challenges for the agricultural sector in the next decades will be to adopt production systems inspired by the three pillars of sustainability, that can guarantee productivity and profitability under climate change conditions, respecting environmental and social issues. Integrated crop-livestock farming systems (ICLS) can represent an answer for many areas of the world, when driven by agro-ecological principles, with the objective of an environmentally sustainable intensification. Further researches are needed for a better definition of approaches and tools useful for the measurement of resources use efficiency, soil carbon sequestration, and greenhouse gas emission, and soil and water quality. The success of ICLS will depend largely on the possibility to apply agricultural and environmental policies that incentivize mixed crop-livestock farming, with an adequate knowledge support system, encouraging the development of farming technology and innovative management practices.

Guest Editor

Prof. Dr. Bruno Ronchi

Department of Agricultural and Forestry Sciences (DAFNE), University of Tuscia, 01100 Viterbo, Italy

Deadline for manuscript submissions

closed (30 June 2020)

Agronomy

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 6.7

mdpi.com/si/41121

Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

mdpi.com/journal/agronomy

Agronomy

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 6.7

mdpi.com/journal/agronomy

MDPI

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), PubAg, AGRIS, and other databases.

Journal Rank:

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