Special Issue

Advances in Agroecology: The Agriculture-Nature Interface

Message from the Guest Editor

Studying the interface between agriculture and natural ecosystems is the core interest of agroecology. Historically, agroecology, as agricultural practice or scientific discipline, is looking at the interactions between agricultural systems and natural systems in order to maintain and improve the sustainability of both ends. A Special Issue in agronomy is devoted to advances in agroecology, aiming at novel research publications that shed light on the agriculture-nature interface. In this Special Issue, research articles, case studies, reviews, theoretical models, and perspectives will be considered, dealing with novel implementation of ecological concepts in modern agriculture, understanding and suggesting mitigation of agriculturewildlife conflicts, ecosystem services of natural ecosystems or agroecosystems, and attempts to recruit ecological process conservation for the benefit of sustainable intensification in agriculture (Ecobiomimicry). Advances in agroecology focuses on the need to promote diversification of agriculture to support biodiversity and resilience of agroecosystems.

Guest Editor

Dr. Oren Shelef

Department of Natural Resources, Institute of Plant Sciences, Agricultural Research Organization, Rishon LeZion 7505101, Israel

Deadline for manuscript submissions

closed (31 March 2023)



an Open Access Journal

Impact Factor 3.4 CiteScore 6.7

by MDPI



mdpi.com/si/105035

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

mdpi.com/journal/agronomy





an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



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)

