

Special Issue

Sustaining soil functions in agro-ecosystems

Message from the Guest Editor

Soil functions are various, operating best in undisturbed, natural lands. However, the growth in global human population and the accelerated demand for food, feed, and fiber, have increased the need to land-use change from natural lands to croplands. In many agricultural lands, the clearing of natural vegetation, as well as a range of farming practices, have threatened soil functions, altogether resulting in the degradation of soil quality and geo-ecosystem functioning. Among others, these threats include the disturbance of soil structure and stability, depletion of soil organic carbon pool, pollution of soil by agrochemicals, decrease of bio- and pedo-diversity, and accelerated erosional processes. The objective of this Special Issue is to demonstrate judicious farming systems, where environmentally-sound practices are utilized, simultaneously maintaining soil functions, supporting environmental quality, and sustaining agricultural productivity.

Guest Editor

Prof. Dr. Ilan Stavi

The Dead-Sea and Arava Science Center, Tamar Regional Council,
Yotvata 88820, Israel

Deadline for manuscript submissions

closed (10 August 2017)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/9020

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

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





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[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), PubAg, AGRIS, and other databases.

Journal Rank:

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