



## **Impact of Agricultural Practices on Biodiversity of Soil Invertebrates**

Guest Editors:

**Prof. Dr. Stefano Bocchi**

Department of Environmental  
Science and Policy, Università  
degli Studi di Milano, Via Celoria  
2, Milan, Italy

**Dr. Francesca Orlando**

Department of Environmental  
Science and Policy (DESP),  
University of Milan, Via Celoria 2,  
I-20133 Milan, Italy

Deadline for manuscript  
submissions:

**closed (20 September 2020)**

### **Message from the Guest Editors**

Dear Colleagues,

Soil fauna plays a key role in many soil function, modifying soil structure and improving its fertility. In particular, invertebrates are fundamental in determining the suitability of soils for the sustainable production of healthy farming systems. The invertebrates include an enormous diversity of arthropods, nematodes and earthworms, and are significantly affected by the agricultural activities. Some management techniques may create crucial habitat changes that cause significant shifts in biodiversity, especially under the general tendency of achieving a high production, through high levels of intensification of agrotechniques.

It has been observed that the loss in ecosystem services related to soil invertebrates in the last few decades is as a result of the reduction in both the abundance and taxonomic diversity of soil faunal communities. Thus, the concerns about the sensibility of soil biota to the agricultural practices make it urgent to develop more sustainable farming strategies, like reducing agricultural intensification and the synthetic chemical inputs.

Prof. Stefano Bocchi  
Dr. Francesca Orlando  
*Guest Editors*





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](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)