

Special Issue

Soil and Water Management Practices in Agricultural Production

Message from the Guest Editors

The rapid increase in the world's population brings with it the necessity for food production intensification. Suitable soil and water management plays a crucial role in the success of sustainable agricultural production. Excess water in agro-areas escalates the risk of erosion and nutrient runoff with subsequent negative effects on crop yields. Therefore, development practices that can control water motion and soil aggregate stability is required for water retention, nutrient fixation, and generally maintaining a healthy soil system. These practices can also assist with the adaptation of agronomy to the impacts of climate change by avoiding huge oscillations between seasons of water abundance and drought. As guest editors of this Special Issue of *Agriculture*, we would like to invite researchers and scientists to publish papers on advances in the various tools used for soil and water management in sustainable agriculture.

Guest Editors

Dr. Vladimír Frišták

Department of Chemistry, University of Trnava, Hornopotočná 23, 918 43 Trnava, Slovakia

Dr. Martin Pipíška

Department of Chemistry, University of Trnava, Hornopotočná 23, 918 43 Trnava, Slovakia

Deadline for manuscript submissions

closed (20 May 2023)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/117946

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

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





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



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



About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, 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, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)