agronomy

an Open Access Journal by MDPI

IMPACT FACTOR 3.4

CITESCORE 6.7

Soil Sensing and Landscape Modeling for Agronomic Application

Guest Editor:

Dr. Wanderson de Sousa Mendes
Leibniz Centre for Agricultural Landscape Research (ZALF), Muncheberg, Germany

Deadline for manuscript submissions:
closed (20 May 2023)

Message from the Guest Editor

Soil sensing and landscape modeling can be defined as the use of proximal and/or remote sensing combined with computer and soil analyses to map and monitor soil and landscape processes. In this sense, several disciplines in soil science (e.g., digital soil mapping, soil spectroscopy, pedometrics) have helped farmers and scientists to move towards an agriculture of the future. Those disciplines combine machine learning, geostatistics, soil sampling methods, and different proximal and remote sensors to achieve such a crucial goal of developing agriculture, environmental policies, and food security. Therefore, these two aspects have been a major concern for humankind since the emergence and identification of climate change. The current Special Issue aims to bring together research papers, communications, and review papers on recent developments in soil sensing and landscape modeling for agronomic applications. We strongly encourage contributions covering the disciplines of digital soil mapping, landscape modeling, soil spectroscopy, and integrated proximal and remote sensing.

agronomy

IMPACT FACTOR 3.4

CITESCORE 6.7

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston
Gulbali Centre for Agriculture, Water and Environment Research, Charles Sturt University, Wagga Wagga, NSW 2678, 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), GEOBASE, PubAg, AGRIS, and other databases.
Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
𝕏@Agronomy_Mdpi