



land

an Open Access Journal by MDPI



Tillage and Traffic Systems for Improved Productivity and Agricultural Sustainability

Guest Editors:

Dr. Jana Galambošová

Institute of Agricultural Engineering, Transport and Bioenergetics, Faculty of Engineering, Slovak University of Agriculture in Nitra, Tr. A. Hlinku 2, 949 76 Nitra, Slovakia

Dr. Diogenes L. Antille

CSIRO Agriculture and Food, Canberra, ACT 2601, Australia

Dr. Paula A. Misiewicz

Department of Agriculture and Environment, Harper Adams University, Edgmond, Newport TF10 8NB, UK

Deadline for manuscript submissions:

closed (30 September 2023)

Message from the Guest Editors

Dear Colleagues,

Today's agriculture faces several challenges. While it plays a critical role in terms of food safety, the pressure on sustainability of yields, together with the importance of climate change mitigation, increases. Moreover, the economics of crop production is strongly affected by production factors, as well as local climates, and external production factors.

The aim of this Special Issue is to provide an overview of the recent research on tillage and traffic systems, which improve productivity and agricultural sustainability. These topics fit into the scope of *Land* as they reflect the land–water as well as land–climate interactions and land management area.

We welcome original research papers, review papers, and short communications on themes connected to conservation tillage technologies (no tillage, reduced tillage, and strategic tillage), precision tillage, soil compaction management, controlled traffic farming systems, etc. Submissions should discuss the effects of these systems on soil properties, crop responses, the economics of their implementation, the overall profitability of these systems, and their effect on the environment.



mdpi.com/si/166060

Special Issue

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Christine Fürst

Institute for Geosciences and
Geography, Department
Sustainable Landscape
Development, University of Halle,
Von-Seckendorff-Platz 4, 06120
Halle, Germany

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SSCI (Web of Science), PubAg, AGRIS, GeoRef, RePEc, and other databases.

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Nature and Landscape Conservation)

Contact Us

Land Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/land
land@mdpi.com
[X@Land_MDPI](https://twitter.com/Land_MDPI)