



Soil Tillage Systems and New Practices for Sustainable Farmland Conservation

Guest Editor:

Prof. Dr. José Miguel Reichert

Soils Department, Universidade
Federal de Santa Maria, Santa
Maria 97105-900, RS, Brazil

Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editor

Studies should have a focus on the understanding of processes and practical applications by stakeholders in the field. We expect contributions from a large spectrum of farming systems, from small to large scale, and from animal-driven tillage and human labor to the other extreme of large-scale, mechanized agriculture.

Combining tillage with other conservation practices (e.g., organic manuring and terracing) certainly enriches the scientific contribution. Focus on the duration of effects of practices such as chiseling and subsoiling and the need for eventual tillage of no-till soils, along with the combination of mechanical vs. biological (cover crops) chiseling, are also interesting opportunities. Topics may include effects of tillage systems and other practices on soil ecology, nutrient status and cycling, organic matter, chemical transport and pollution, green gas emission/balance, resilience and climate change, soil hydrology, erosion and sedimentation, water balance and availability to crops and other organisms, among others.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
X@Sus_MDPI