



*land*



an Open Access Journal by MDPI

## Promoting Soil Health for Sustainable Agricultural and Bioenergy Production

Guest Editors:

**Prof. Dr. Tida Ge**

State Key Laboratory for Managing Biotic and Chemical Threats to the Quality and Safety of Agro-products, Institute of Plant Virology, Ningbo University, Ningbo 315211, China

**Dr. Xiufen Li**

Department of Plant and Environmental Sciences, New Mexico State University, Las Cruces, NM, USA

Deadline for manuscript submissions:

**closed (23 February 2024)**

### Message from the Guest Editors

The goal of this Special Issue is to collect original research articles, review papers, and short communications to give insights into better monitoring and promoting soil health for sustainable agricultural and bioenergy production. Topics include but are not limited to: 1) Identifying the optimum fertilization practices, cropping systems, and agronomic strategies for improving soil health and productivity under desired or stressed conditions; 2) Uncovering the metabolic and genomic mechanisms of beneficial plant-microbe interactions and integrated crop-livestock systems in improving soil health and productivity; 3) Application of new GIS and remote sensing technologies to better monitor and access soil health; 4) Developing novel agricultural strategies to effectively control soil-borne diseases, remediate toxic soil pollutions, and manage salinization and sodification; 5) Developing comprehensive models to assess soil health and quality of various complex soil systems.



[mdpi.com/si/165617](https://mdpi.com/si/165617)

# Special Issue



*land*



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