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## Tillage Methods on Soil Properties and Crop Growth

Guest Editors:

**Dr. Ognjen Žurovec**

Department of Environment,  
Soils and Land Use, Teagasc,  
Johnstown Castle, Ireland

**Dr. Nani Raut**

Department of Environmental  
Science and Engineering,  
Kathmandu University, Dhulikhel,  
Nepal

**Dr. Sabrija Čadro**

Faculty of Agriculture and Food  
Sciences, University of Sarajevo,  
Sarajevo, Bosnia and  
Herzegovina

Deadline for manuscript  
submissions:

**30 September 2024**

### Message from the Guest Editors

Tillage has an immense effect on physical, chemical, and biological soil properties and, thereby, on crop productivity and environment. Although proper and timely use of tillage overcomes edaphic constraints to crop production, inopportune tillage may cause a variety of adverse effects, such as enhanced soil compaction, erosion, and degradation; loss of organic matter and fertility; disruption of water, carbon, and nutrient cycles; and negative effect on soil biota and biodiversity.

We invite manuscripts from integrative studies that assess the overall impact of conservation tillage methods on the establishment and yield of crops, growth of plants and roots, soil physics and erosion, soil–water relations, cycling of carbon and nutrients, greenhouse gas emissions, leaching, run-off, weed, pest and disease control, soil health and biodiversity, as well as their interaction and links to other soil functions in the context of environmental quality, climate change adaptation/mitigation, and soil quality/health.



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**Special** Issue



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Institute for Geosciences and  
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Sustainable Landscape  
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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.

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*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  
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