

## Special Issue

# Tillage Methods on Soil Properties and Crop Growth

### 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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### Guest Editors

Dr. Ognjen Žurovec  
Dr. Nani Raut  
Dr. Sabrija Čadro

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### Deadline for manuscript submissions

closed (30 April 2025)



## Land

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CiteScore 5.9



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### 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.

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### Editor-in-Chief

Prof. Dr. Christine Fürst  
Department Sustainable Landscape Development, Institute for  
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