

## Special Issue

# Tillage, Soil Management, and Field Traffic: Impact on Soil Physical and Mechanical Properties

### Message from the Guest Editors

Soil tillage is a major mechanized operation causing soil physical changes. Soil management, including crop cover, rotation, and biological chiseling, has seen the development of significant strategies to improve soil physical qualities. However, a sequence of field traffic operations, including spraying, fertilizing, and harvesting, are part of a crop's schedule, and successive traffic operations may result in compaction. Strategies to mitigate the effect of tillage on the degradation of soil structure, interventions using soil management (cover crop, straw management, tillage systems, etc.), and field traffic control and stress-induced prediction are actions that still need to be implemented to maintain soil health. Thus, in this Special Issue, the submission of studies that identify major soil structure issues, new strategies for soil structure improvement, and actions to mitigate and model compaction are encouraged.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2022)



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