



Soil Tillage Systems and New Practices for Sustainable Farmland Conservation

Guest Editor:

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Deadline for manuscript
submissions:

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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.





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