

Special Issue

Effects of Tillage, Cover Crop and Crop Rotation on Soil

Message from the Guest Editors

No-tillage, cover crop and crop rotation are core principles of conservation agriculture, which aims to protect soil from erosion and degradation, improve soil quality and biodiversity. The results of ever-increasing measurements indicate that conservation agriculture could ensure current food security without compromising the environment, but a crucial knowledge gap remains across various spatial and temporal scales. This proposed Special Issue of *Agronomy* will raise awareness and stimulate research in this field, primarily focusing on the biotic and abiotic processes in soils under conservation agriculture. Field experiments and modeling approaches are appreciated. Research papers, communications, and review articles are welcome, including but not limited to: Conservation agriculture; Crop yields; Soil nutrient supplies and cycling; Soil erosion and leaching; Soil physics; Soil biology and biochemistry; Soil biota and biodiversity; Soil microbial enzyme and activities; Soil organic carbon sequestration; Soil-atmosphere exchange; Soil ecology.

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Editor-in-Chief

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