



Soil Health and Crop Management in Conservation Agriculture

Guest Editors:

Dr. Sushil Thapa

Department of Agriculture,
University of Central Missouri,
Warrensburg, MO 64093, USA

Dr. Qingwu Xue

Department of Soil and Crop
Sciences, Texas A&M AgriLife
Research, Texas A&M University,
Amarillo, TX 79106, USA

Dr. Ghulam Abbas Shah

Department of Agronomy, PMAS-
Arid Agriculture University,
Rawalpindi, Punjab 10370,
Pakistan

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Message from the Guest Editors

Healthy soil is the foundation of productive, profitable, and sustainable agriculture. Good soil and crop management practices can help to reduce erosion, maximize water infiltration, improve nutrient cycling, reduce input costs, and finally improve the resilience of ecosystem services. Minimizing soil disturbances, maximizing soil cover and biodiversity, crop rotation, and crop-livestock integration are some of the vital approaches to soil health and crop management in conservation agriculture. Conservation agriculture practices further restore soil organic matter and increase beneficial soil microbial populations, ensuring both economic and environmental benefits. Adoption of soil-health-building regenerative farming systems based on the principles of conservation agriculture can also help to reclaim degraded soils and farmlands. We therefore invite research and review articles on various soil and crop management practices, cropping systems, water and nutrient use efficiency, soil organic matter, soil carbon, and soil health.





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Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

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Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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