



Soil Health and Crop Management in Conservation Agriculture

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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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Message from the Editor-in-Chief

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