



Effects of Conservation Agriculture on Restoring Soil Quality and Crop Yield Performance

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Deadline for manuscript
submissions:
closed (20 October 2022)

Message from the Guest Editors

Dear Colleagues,

To address the challenge of global soil health degradation, conservation agriculture (CA) practices have been put forward to restore major soil functions. Fitting CA into a diverse crop system around the world has been a challenge since the beginning. To cope with the challenge, novel changes have been made in CA practices. However, reports on the use of CA practices on soil health are insufficient—especially, on the use of CA in diversified cropping systems that reflect soil health and yield benefits.

For this issue, we welcome articles focusing on:

- Soil health implications of CA practices.
- Mapping of CA practices in different agro-ecosystems according to their suitability.
- Nutrient management practices for crops' CA practices.
- CA practices and their impact on reducing soil compactness, root morphology, root density, root distribution, and root penetration in the soil profile.
- Results of long-term CA studies on climate change mitigation potential.
- Life cycle assessment study of CA cropping.
- Soil biology under CA practices.



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Message from the Editor-in-Chief

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