

## Special Issue

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

### Message from the Guest Editors

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.

### Guest Editors

Prof. Dr. Richard W. Bell

Dr. Md. Khairul Alam

Dr. Ashim Datta

Dr. Sharif Ahmed

### Deadline for manuscript submissions

closed (20 October 2022)



**Land**

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*Land*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[land@mdpi.com](mailto:land@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Christine Fürst

Institute for Geosciences and Geography, Department Sustainable Landscape Development, University of Halle, Von-Seckendorff-Platz 4, 06120 Halle, Germany

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