Special Issue

Effects of Crop Rotation and Continuous Cropping on Soil Health and Crop Yields

Message from the Guest Editors

Understanding changes in the biotic and abiotic components of the agroecosystem under cultivation practices is crucial to solving both food and environmental problems. Increasing crop production to feed a growing population requires a more efficient use of the potential of the agricultural production area, which is possible with a sound management of this potential. In this context, there is growing interest in crop rotation as a vield-enhancing factor, and continuous cropping with its negative effects needs thorough assessment. This approach also serves to protect the soil environment. This Special Issue aims to bring together the latest research on the importance of cropping systems: crop rotation and continuous cropping. Reviews and opinion papers are also welcome. Articles may include, but are not limited to, the following topics: evaluation of the response of plant species to continuous cropping; quality and quantity of crop residues; changes in soil properties; diversity of soil microorganisms; beneficial and harmful organisms in soil; weed infestations; fungal pathogens and plant health; and protective treatments to limit negative effects.

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