

Special Issue

The Future of Farming – Profitable and Sustainable Farming with Conservation Agriculture

Message from the Guest Editors

Conservation agriculture (CA) is an alternate paradigm of agriculture production and land use that is applicable to all land-based agricultural production systems in rainfed and irrigated farming, including annual, perennial, and mixed systems; orchards; agroforestry and plantation systems; crop–livestock systems; and pasture and rangeland systems. This Special Issue focuses on the role of conservation agriculture in climate change adaptation and mitigation. A wide range of manuscripts can be accepted. Some examples of interesting topics are as follows: assessments of agricultural soils as a carbon sink; GHG emissions in CA systems, including CO₂ and N₂O; energy balance of CA compared to conventional tillage and organic agriculture; irrigation and rainfed CA crops; productivity in CA; review and meta-analysis papers; and models assessing the impact of CA in global warming.

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Editor-in-Chief

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