

Special Issue

Sustainable Agriculture – Practices and Implications

Message from the Guest Editors

Sustainable agriculture (SA) is the efficient production of safe, high-quality agricultural products in such a way that protects and improves the natural environment and the social and economic conditions of the farmers, their employees, and local communities. It also safeguards the health and welfare of all farmed species. The applications of one or more sustainable practices on a piece of land are based on three interactive components, economic profitability, environmental stewardship, and social responsibility. Degradation on 121 million hectares in India and on 2 billion hectares globally indicated an imbalance in the outlined factors. These call for a better understanding of area-specific sustainable practices and agroecological approaches for their up-scaling. The Special Issue aims to discuss sustainable agricultural practices, their design, management, and implications in a geographic setting to address the objectives of sustainable intensification of the food production systems, alternative farming systems, climate change food security and safety, food loss innovation and waste management, crop storage, and household treatment.

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