

Special Issue

Innovative Strategies in Organic Farming Systems

Message from the Guest Editors

Organic farming is gaining global importance as it is practiced on more than 70 million hectares, with annual growth rates of 2 million hectares in recent years. The increasing demand for healthy, pesticide-free, and environmentally sound products as well as the well described advantages in regard to eco-system services of organic systems are the major drivers of this growth. However, depending on farm system and farm management as well as pedo-climatic conditions, considerable yield gaps can be observed compared to conventional farming systems and hence are debated alongside impacts on global food security and system sustainability. Therefore, research in organic farming needs to focus on innovative solutions that integrate ecosystem services, productivity and efficient use of the natural resource base. This Special Issue will provide a multidisciplinary overview of innovative solutions for organic farming systems in different agro-ecologies and for various socio-economic situations across the globe that provide pathways for a transition to more sustainable agriculture and food systems.

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