

Special Issue

Sustainable Organic Agriculture

Message from the Guest Editor

Researchers and consumers are paying increasing attention to environmental and health issues, especially in the aftermath of the COVID-19 pandemic. Currently, available plant genetic resources are characterized by genetic uniformity, and are also selected in environments that never reflect organic agricultural conditions. Moreover, agronomic strategies often use a mainstream approach that focuses on resolving a single issue in an agro-ecosystem (e.g., pests, soil fertility, diseases). There is an urgent need to find feasible solutions to organic agriculture problems by promoting crops with improved traits that make them more adaptable to different environmental conditions and to climate change scenarios. Furthermore, agricultural systems also need to be redesigned, by identifying technical practices, based on the promotion of functional biodiversity and associated ecosystem services. This Special Issue is thus focused on the new challenge for organic agriculture: breaking the monoculture nature of farming systems by adopting diversified plant genetic resources, sustainable farming systems, and a new innovative concept of quality.

Guest Editor

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