



Climate Change Adaptation and Mitigation—Organic Farming Systems

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Message from the Guest Editor

To make organic agricultural systems more resistant to the effects of climate change, new or improved strategies and techniques are required. In the context of climate change, this SI will focus on the application and/or development of the most effective strategies, techniques, and materials that will enhance the contribution of organic farming systems to sustainability and environmental challenges, as well as their capacity to provide ecosystem services.

-Impacts of organic farming systems on soil properties, plant growth and yield, and nutritional components.
Diffusion of pollutants into soil and water resources

-Best practices, innovations, and approaches that:

enhance genetic biodiversity and boost organic yields.

promote the use of alternative plant protection products (such as those containing biologically active substances).

improve the effective and sustainable use of resources (water, organic inputs, and sustainable biodegradable materials).

improve soil biodiversity and soil quality, reduce the pressure from the diffuse pollution of nutrients, heavy metals, and pesticides, reduce waste and carbon emissions; and reduce the environmental footprint in general.





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