



Organic Fertilizers: Applications and Research

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Message from the Guest Editor

Dear Colleagues,

In modern agriculture, nutrient management and fertilizer application are the most crucial factors affecting plant growth, yield, and quality performances. Organic fertilizers, compared to inorganic fertilizers, maintain soil quality, increase soil organic matter, as well as improve soil physical and chemical properties through the decomposition of its substances. Organic matter enhances soil nutrients, plant growth regulators, and biodiversity. In recent years, the quality and health of soil fertilized with, e.g., exogenous organic matter of waste origin, which is part of the principles of sustainable development and circular economy, is widely recognized by and of great interest to a wide range of scientists around the world. There is an urgent need to apply numerous sources of organic fertilizers as a substitute to reduce the utilization rate of inorganic fertilizers. Manuscripts should focus, i.e., on the use of organic fertilizers (also waste material) in a new product (e.g., biochar, compost) and their impact on soil quality. Multidisciplinary research that embraces the diversity of sustainability perspectives is particularly appreciated.





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