

Special Issue

Soil Organic Matter Contributes to Soil Health

Message from the Guest Editors

Progressive climate change observed in recent years, along with frequent weather extremes and increasing demand for food as a result of a growing global human population, has become a major reason for the threat of soil deterioration. One of the most important soil components with a key and multifaceted role in supporting various soil functions is soil organic matter. As a reservoir of nutrients and a dynamic source of organic carbon, nitrogen, and other elements, it is an essential component for maintaining long-term soil fertility, resulting in high crop yields. Recognizing and understanding complex soil processes with the participation of organic matter and properly managing its content is essential to ensure optimal conditions for plant growth, maintaining sustainable agriculture, and proper ecosystem management. The purpose of this Special Issue is to share knowledge on all aspects related to the role of soil organic matter in variously used terrestrial ecosystems as well as to promote innovative methods of stabilizing organic matter in soils to improve their health and fertility.

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