

Special Issue

Effect of Soil Enzyme Activity on Crop Growth

Message from the Guest Editor

Soil enzymes play critical roles in organic matter decomposition, nutrient cycling, and microbial metabolism, reflecting the functional status of soil ecosystems. Enzyme activity is a valuable bioindicator of soil quality and historical environmental disturbances. This Special Issue of *Agronomy* highlights the ecological significance, diagnostic utility, and methodological advancements in soil enzymatic activities. The scope of this issue encompasses enzyme responses to various factors, including agricultural practices, pollution, land degradation, and climate change. We will showcase recent advancements in molecular techniques, high-throughput enzyme assays, and holistic soil health frameworks. We invite submissions of original research articles, comprehensive reviews, and short communications that explore the roles of soil enzymes in sustainable agriculture, soil restoration, nutrient cycling, and climate-smart practices. We would particularly welcome contributions that use interdisciplinary approaches or innovative methods to assess and interpret soil enzymatic activity in different ecosystems.

Guest Editor

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Message from the Editor-in-Chief

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