



Cover Crops Contributions to Soil Health

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Message from the Guest Editors

The study of the soil microbiome is essential for the maintenance and enhancement of soil health; yet, it remains drastically understudied in agricultural research. Cover crops are grown specifically to protect the soil against erosion, ameliorate soil structure, enhance soil fertility, suppress pests, and prevent N and P losses to the environment. As researchers in agriculture, we understand that the realization of the benefits from cover cropping depends on specific agronomic and environmental factors such as species selection, field management practices, weather conditions, and soils, and each of those choices or settings have the potential to affect the soil microbiome associated with the strategy. This Special Issue will address soil microbiome responses under cover cropping in a variety of agricultural settings, filling a critical gap in knowledge. The selected papers will provide insights on whether cover cropping can be promoted as a strategy to enhance agricultural sustainability driven by biodiversity and targeted management of the soil microbiome.





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