

How do interactions between plant roots, microbes and the physical soil structure influence soil organic matter turnover?

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TERRESTRIAL ECOSYSTEM RESEARCH

Department for Microbiology and
Ecosystem Research

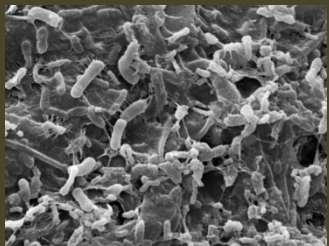
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MEC-4 projects can be embedded within the following research topics:



Carbon and Nitrogen flow in the mycorrhizosphere

Does the tripartite partnership between plants roots, mycorrhizal fungi and soil microbes accelerate soil organic matter decomposition, and how?



The effect of soil microarchitecture on microbial processes

What is the effect the hierarchical organisation of soil macro- and microaggregates on soil microbial community dynamics and decomposition processes?

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