

M3: Soil structure and soil biodiversity

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This masterclass aims at highlighting (i) how soil structure is influenced by soil organisms, taken alone or in interaction, and (ii) how soil structure is crucial to better understand the co-existence of diverse soil organism communities. Concepts and methods from soil ecology and soil physics will be discussed to initiate interdisciplinary exchanges. A demo of soil macroaggregate stability measurement (Method LeBissonnais, 1996), a simple index to account for soil structure, will be provided. To facilitate mutual brainstorming, a 3D model transparent soil, with soil organisms will be used to visualize the complex interplay between soil structure and soil biodiversity.



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