

# wageningen soil conference

## MASTERCLASS

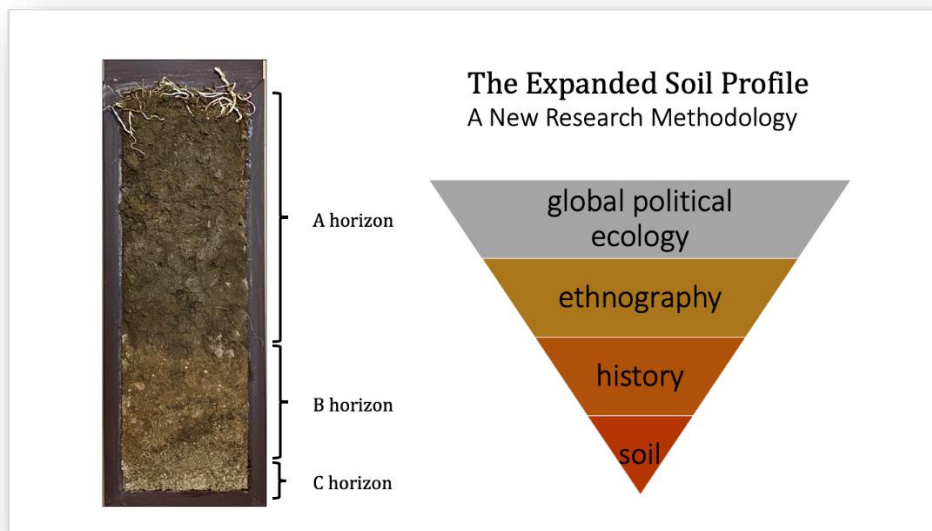
### M2: Mapping Soil Communities Using the Expanded Soil Profile

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**Short description:**

Soils are increasingly being understood as complex living systems. This masterclass introduces the Expanded Soil Profile (ESP), a methodology for mapping the social and material relations –including political, cultural, economic, historical, and physiographic – that constitute any given soil. The ESP integrates methods from soil science (i.e., horizon classification, analysis of microbial activity, soil organic carbon, etc.) and social science (i.e., social network analysis, political economic analysis, historical analysis, etc.) to determine and analyze the range of agents and relations across multiple scales impacting the health and functioning of soil communities. Participants in this workshop will learn how to implement this methodology through a series of case studies in Canada.



**Theme:** Soils for society

**Keywords:** expanded soil profile; complex systems; multi-scalar analysis; soil communities

**Type of masterclass:** Tutorial

**Maximum number of participants:** 25