

# wageningen soil conference

## MASTERCLASS

### **M9: Designing a Soil Health system across a range of spatial scales**

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**Short description:**

A joint assessment undertaken by the EU Soil Health and Food (SH&F) mission board states that 60-70% of soils in Europe are currently considered unhealthy (A Soil Deal for Europe). Now the SH&F mission has set the goal to have 75% of European soils healthy or significantly improved by 2030. Meanwhile, the private sector too, is proposing explicit visions of regenerative food systems, which need scientific underpinning and quantification.

BUT, how can we measure soil health in a way that captures both the local context (and all its complexity), and a harmonised framework at larger regional, national and EU scales?

Come to our interactive workshop where we will test your knowledge of soil functions and agricultural land management in a design workshop. We will challenge you to think outside of the box, moving away from minimum dataset approaches to applying a range of context-specific indicator measurements from traditional sample based methods to novel earth observation techniques.

**Theme:** Mapping and evaluation of soil functions across scales

**Keywords:** soil health, indicators, design

**Type of masterclass:** Design workshop

**Number of participants:** 25