

Field description, classification and interpretation of the soil profile

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Description:

The masterclass will provide a short introduction and exercise to site-, and profile description and classification of soils. Participants will learn the horizon designations according to the FAO guidelines and practice the recognition of diagnostic units (horizons, properties and materials) and application of the classification key to determine the Reference Soil Groups of the WRB soil classification system. Description and classification will be followed by interpretation of soil genesis, soil functions and derived information relevant for land use and management. Soil sampling methods, and simple in situ soil property measurements will be demonstrated. The field exercise will take place in the vicinity of Wageningen.

Theme: Mapping and evaluation of soil functions across scales

Keywords: soil profile, soil functions, interpretation

Type of masterclass: Excursion