

# wageningen soil conference

## MASTERCLASS

### M20: Using farm data for soils research

**Name main contact:** Tom Scrope

**Institution:** Soil Benchmark

**Names of Co-organisers:** Dr Ben Butler - Soil Benchmark, Dr Rob Simmons – Cranfield, Prof. Jane Rickson - Cranfield

**Short description:**

We will walk through some experiences from the SMIS project (<https://www.pgro.org/pea-downy-mildewdiversity-in-the-uk1/>) on using data generated by farmers in their day to day operations (including their soil sampling) to build models that help them improve their soil management strategies and share best practice. Will be an interactive discussion with lots of opportunities for questions about the data we use, how we bring it into our model, and how we have built the model itself.

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

**Keywords:** Farm soils data

**Type of masterclass:** Tutorial

**Maximum number of participants:** 30