M28: Spectral libraries for field predictions

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Infrared reflectance measurements in the field, lab and from remote-sensing imagery can be reliable predictors of soil properties such as soil organic carbon, clay and CaCO3 content, pH and others. In this masterclass, we will touch on the theory, perform measurements and practice with building, using and collating spectral libraries (NIR and MIR) for soil property estimation on newly collected spectra.