

wageningen soil conference

MASTERCLASS

M6: Plastic analysis in soil: from the field to the laboratory analysis and results

Name main contact: Nicolas Beriot

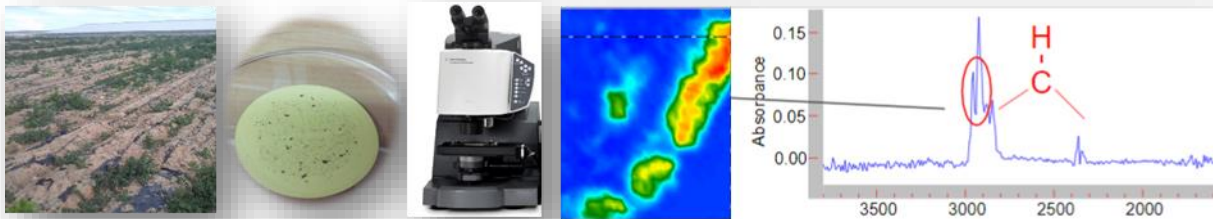
Institution: WUR

Names of Co-organisers: Meng Fanrong, Suzy Rebish, Davi Munhoz, Ayda Sakali

Short description:

Plastic residues assessment in soils has been intensively discussed in the past years and many protocols developed. It appears that there is no one-fit all solution.

In this workshop the participants will be able to select modules describing methods from the field sampling to the post processing of the data according to their interest. Modules will be hands in demonstrations in the lab and with the instruments including two different density separation protocols, one based on $ZnCl_2$ used at the university of Cadiz and one based on NaBr used at WUR, Visual selection of microplastics under stereomicroscope, uFTIR and LDIR spectral acquisition and analysis. In plenary we will discuss the best practices for different research objectives and future development of methods for plastic assessment.



Theme: Advances in measuring and modelling soil processes

Keywords: plastic detection soil

Type of masterclass: Lab visit

Maximum number of participants: 20