

Phenotyping - tomography to high throughput

Thursday 7 December 2023 16:00 (30 minutes)

In our tour we will present the plant MRI (Magnetic Resonance Imaging) installation, allowing to measure dynamics in structural and functional traits of plants. In particular, the method yields information on 3D root traits grown in natural field soils. Further we will visit the GrowScreen-Rhizo 3 installation which allows simultaneous phenotyping of root and shoot growth of crops grown in up to 900 soil-filled rhizotrons.

Presenters: Dr NAGEL, Kerstin (Forschungszentrum Jülich (IBG-2)); Dr KOLLER, Robert (Forschungszentrum Jülich (IBG-2)); JIA, Shiyan (guide)

Session Classification: Lab/ Field tours