

Lecture in English:

Drone-based Environmental Monitoring

“This session will explain how Unmanned Aerial Vehicles (UAVs / drones) can support monitoring through efficient, temporally and spatially targeted data collection for assessing soil, water, and vegetation conditions. The presentation will focus on practical results from drone- and satellite-based soil and vegetation monitoring carried out within the EU project InBestSoil activities. The session will also provide two examples of how UAV information can be integrated into Decision Support Tools (DST), with a concrete example from the Water4All ENGAGE Project, and how it can support high-resolution hydrological modelling, with an example from the Water4All CREATE Project”

presented by **Dr. Miguel Angelo Raposo Inacio**