

Applied Course on Urban Drainage Metrology

Daily schedule

- Morning Session: 09:30 – 13:30 CEST
- Lunch break at the facility
- Afternoon Session: 15:30 – 17:30 CEST

Module 1 – Tuesday, July 16, 2024

- **Measurement of hydraulic variables.** Rainfall, flow rates, water depths, and velocities will be measured using different technologies (direct measurement, ultrasound, pressure, acoustic velocimetry, etc.)

Module 2 – Wednesday, July 17, 2024

- **Measurement of pollution parameters.** Automatic grab samplers and on-line probes will be used to measure the most relevant variables and methods of analysis

Module 3 – Thursday, July 18, 2024

- **Data collection and management.** In this session different technologies to convert signals to data will be presented. Additionally, the course will present how parametrize hydraulic and pollution parameters link to dry and wet weather flows

Module 4 – Friday, July 19, 2024

- **Demo Day – Simulation of a field campaign in the infrastructure of CITEEC.** Field work will be simulated in the BLOCK model and SUDS pilot techniques. Measurements of all relevant parameters will be carried out, both online and with grab samples