

# Applied Course on Urban Drainage Metrology

**Co-UDlabs** is organising a course for urban drainage practitioners, regulators, and utilities interested in monitoring the main hydraulic and water quality parameters of sewers and drainage networks

**Where?** CITEEC laboratories, University of A Coruña, Spain

**When?** Four days, six hours per day.  
From July 16 to July 19, 2024

**How?** The event will in-person: participants will be able to access and discover CITEEC's STREET and BLOCK experimental facilities

**Registration at this link for free!**

**More info:**

QR Code  
here

Co-UDlabs receives funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 101008626



# 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