



# Techniques for monitoring underground infrastructure

## Current developments

Webinar, 30 January 2025

10:00 – 14:00 CET

**Deltares**



**Co-UDlabs**  
COLLABORATIVE URBAN DRAINAGE  
RESEARCH LABS COMMUNITIES



The  
University  
Of  
Sheffield.



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### Goal

This Webinar presents some recent advances in inspection technologies that can be used to monitor various assets in sewer networks. The presentation range from new approaches that are entering the market to techniques that are emerging from recent completed research.

### Target Audience

This webinar is aimed at researchers, engineers and operators of sewer systems, representatives of municipalities and authorities, as well as manufacturers of monitoring equipment.

### Date, Time, Place

Wednesday, 30 January 2025, 10:00 - 14:00 CET

Online

### Contacts

[www.co-udlabs.de](http://www.co-udlabs.de)

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### Registration

[REGISTER HERE](#)

Participation is free.

## Programme

- 10:00 **Welcome and introduction**  
Dr. Iain Naismith, IKT  
Dr. Alma Shellart, University of Sheffield
- 10:20 **Automated annotation of visual sewer inspections”**  
Dr Joshua Myrans, Southwest Water, UK
- 10:50 **MONTSE: Monitoring sediment dynamics in underground hydraulic structures using thermal processes.**  
Dr. Manuel Regueiro, University of Coruña  
Dr. A Moreno-Rodenas, Deltares  
Prof. Francois Clemens, Skills in Motion, NL
- 11:20 **Wastewater connection pipes: quality of leak tests carried out by specialist contractors**  
Dr. Serdar Ulutas, IKT  
Thomas Brüggemann, IKT
- 11:50 Coffee Break
- 12:00 **Rising mains assessment of innovative inspection tools**  
Ton Beenen, Stichting RIONED  
Dr. Irene Scheperboer, Rijkswaterstaat NL  
Dr. Johan Post, Partners4urbanWater
- 12:45 **Large sewer evaluation of pipe-soil structure with the MAC system**  
Dr. Mark Klameth, IKT
- 13:00 **Acoustic assessment of in-pipe defects in unpressurized pipes**  
Prof. Kiril Horoshenkov, University of Sheffield
- 13:30 **Discussion and Closure**
- 14:00 End

