

Water network management



ECTS credits
2 credits



Semester
Fall

In brief

> **Course language:** English

Presentation

Learning objectives

An introductory course on water infrastructure asset management, this course presents an overview of asset management approaches, drinking water and wastewater systems, the particularities of managing non-visible assets, the importance of data quality, and survival analysis for predictive modelling. The course focuses on practical skills such as data wrangling, data enrichment, predictive modelling, and data visualisation, with an emphasis on geospatial data processing. Students will be assessed through an oral presentation of a strategic asset renewal programme for a water network.

Teaching team

Miles SWEENEY (Altereo)

Total des heures

CM	Master class	12h
TD	Directed work	8h
		4h

Useful info

Name responsible for EU

Lead Instructor

Frédéric Schwander

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