

Modelling of micropollutants in combined and separate sewer systems



Modelling of micropollutants is an important tool to support strategies capable of reducing the emissions of these harmful substances in the environment. A range of models have been developed during the years, but their performance evaluation has been limited by the scarcity of data. Recent measurement campaigns in different locations (Copenhagen, Berlin, Lyon) in a range of systems (combined and separate systems) allows now to quantify the uncertainty of these models.

Tool: tools for statistical analysis of data, water quality modelling tools (in WEST-IUWS or matlab)

Project type

Topic is suitable for MSc project

Pre-requisite

General understanding of water quality processes, interest in modelling

Group size

3-4 students (separate projects)

Department of supervisors

Main supervisor: DTU Environment

Co-supervisor: DTU Environment

Contact person

Assistant professor Luca Vezzano, DTU Environment (luve@env.dtu.dk)

