

Title: Sewer Processes Workshop

Description:

Sewer Process Modelling has developed significantly in recent years. Today, several - both academic and commercial - models for simulating *in-sewer* processes exist. The developments have primarily been related to modelling of sulfide and associated problems in terms of odor and corrosion. In addition, methane formation in sewer systems has come into focus in a number of studies as well.

The objective of this workshop will be to share and discuss information on the most recent advances of sewer process modeling and their applications to real-world use. The workshop is will address the following topics:

- *State-of-the-art* of sewer process modelling
- Examples of real-world model application
- Future research needs



Workshop organizers:

Jes Vollertsen is Professor of Environmental Engineering at Aalborg University. Jes is a skilled programmer and has been involved in the development of the Wastewater Aerobic/anaerobic Transformations in Sewers (WATS) model concept from the beginning.

Asbjørn Haaning Nielsen is Associated Professor of Environmental Engineering at Aalborg University. In recent years, his research has been focusing on microbial induced corrosion (MIC) of concrete. Particular emphasis has been on the development of models for estimation of service life of concrete pipes in sewer networks.

Matthew Ward graduated in 2005 with his masters degree in Environmental Engineering from the University of Texas at Austin. Since that time, he has worked for CH2M Hill, now Jacobs, in the field of wastewater odor control and sulfide corrosion. He has completed many projects from research to design. His current interests focus on sewer network process modeling.



Hosted by
Spain Water
and IWHR, China