



“If you can't measure it, you can't manage it” – intelligent sewer operation requires better information

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ABSTRACT

Future climatic and societal changes, as well as the current economic decline and fiscal pressures, will force us to work smarter in designing, maintaining and, above all, operating our drainage infrastructures. “Achieving more with less” requires good data and reliable methods and models to transform this data into meaningful information. In this presentation I suggest to use novel information sources, such as microwave links from telecommunication networks to better observe important system inputs and state variables. Furthermore, I will motivate the use of model-based data analysis and advanced statistical techniques to better interpret monitoring data and learn from observations.