Identifying fit-for-purpose lumped surrogate models for large urban drainage systems using GLUE
Research output: Research - peer-review › Journal article – Annual report year: 2019

Lad vand og data stremme
Research output: Commissioned - peer-review › Report – Annual report year: 2019

Valve status identification by temperature modelling in water distribution networks
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2019

Evaluating catchment response to artificial rainfall from four weather generators for present and future climate
Research output: Research - peer-review › Journal article – Annual report year: 2018

Importance of Subdivision Resolution of Surrogate models for Emulating Catchment Response and Surcharge
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Importance of Subdivision Resolution of Surrogate Models for Emulating Catchment Response and Surcharge
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Investigation of the usefulness of weather generator data as input to long-term simulations in urban hydrology
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Is your data correct? Validating and improving data collected in smart water networks
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Model predictive control of urban drainage systems: A review and perspective towards smart real-time water management
Research output: Research - peer-review › Journal article – Annual report year: 2018

Robust model for estimating pump characteristics and sewer flows from pumping station data
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Technical Note on the Dynamic Changes in Kalman Gain when Updating Hydrodynamic Urban Drainage Models
Borup, M., Madsen, H., Grum, M. & Mikkelsen, P. S. 2018 In : Geosciences. 8, 11, 8 p., 416
Research output: Research - peer-review › Journal article – Annual report year: 2018

Urban tunnel systems for conveyance and storage of storm- and wastewater: features, classification, and modelling
A partial ensemble Kalman filtering approach to enable use of range limited observations
Research output: Research - peer-review › Journal article – Annual report year: 2015

Auto-Calibration for Data Assimilation in Linear Reservoir Models Used in Flow Forecasting of Urban Runoff
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Flow Forecasting using Deterministic Updating of Water Levels in Distributed Hydrodynamic Urban Drainage Models
Research output: Research - peer-review › Journal article – Annual report year: 2014

Real Time Updating in Distributed Urban Rainfall Runoff Modelling
Research output: Research › Ph.D. thesis – Annual report year: 2014

Updating distributed hydrodynamic urban drainage models
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Biotransformation kinetics and sorption of cocaine and its metabolites and the factors influencing their estimation in wastewater
Research output: Research - peer-review › Journal article – Annual report year: 2013

Comparing the impact of time displaced and biased precipitation estimates for online updated urban runoff models
Research output: Research - peer-review › Journal article – Annual report year: 2013

Comparison of short-term rainfall forecasts for model-based flow prediction in urban drainage systems
Research output: Research - peer-review › Journal article – Annual report year: 2013

Comparison of short term rainfall forecasts for model based flow prediction in urban drainage systems
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

Impact of time displaced precipitation estimates for on-line updated models
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

Flow Forecasting in Urban Drainage Systems using Deterministic Updating of Water Levels in Distributed Hydraulic Models
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011
Real time adjustment of slow changing flow components in distributed urban runoff models
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Performance of MOUSE UPDATE for level and flow forecasting in urban drainage systems
Research output: Research › Article in proceedings – Annual report year: 2010

Application of high resolution x-band radar data for urban runoff modelling: constant vs. dynamic calibration
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

Vejrradarbaseret styring af spildevandsanlæg
Research output: Research › Report – Annual report year: 2009