Research outputs:

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

Using the Ensemble Kalman Filter to update a fast surrogate model for flow forecasting
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Advancing from underground to above-ground model predictive control in urban drainage
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

From vision to operation - Smart real-time control of water systems in Aarhus, Denmark
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Model predictive control for urban drainage: testing with a nonlinear hydrodynamic model
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Evaluation of Maximum a Posteriori Estimation as Data Assimilation Method for Forecasting Infiltration-Inflow Affected Urban Runoff with Radar Rainfall Input
Research output: Research - peer-review › Journal article – Annual report year: 2016

Projects:

Optimized real-time management of interacting water systems for a smarter city
Project: PhD

Prizes:

2nd prize winner in Green Challenge at the Technical University of Denmark: Project 817: Reducing overflow to River Aarhus by using MPC - Master thesis, idea category
Prize: Prizes, scholarships, distinctions