

Publications SWITCH WP1.2 as per 7th of June 2011

Vojinovic Z., and Sánchez Torres A. (2008). Optimising Sewer System Rehabilitation Strategies between Flooding, Overflow Emissions and Investment Costs. Paper presented at 11th International Conference on Urban Drainage, Edinburgh, Scotland, UK.

S.D. Seyoum, Z. Vojinovic, and R.K. Price (2008) Integrated Urban Water Systems Modelling with a Simplified Surrogate Modular Approach, 11th International Conference on Urban Drainage, Edinburgh, Scotland, August 31-September 5.

Khatri, K., and Vairavamoorthy, K (2009). Water Demand Forecasting for the City of the Future against the Uncertainties and the Global Change Pressure: Case of Birmingham. Pro. EWRI/ASCE 2009 May (17-21), Kansas, USA.

S.D. Seyoum, Z. Vojinovic, and R.K. Price (2009) Integrated Modelling of Urban Wastewater Systems. Conceptual simplified modelling for integrated urban water system simulation. 8th International Conference on Urban Drainage Modelling, Tokyo, Japan, September 7-12

Last E. and Mackay R (2010) City Water Balance - A new tool for scoping integrated urban water management options. Proceedings from the 2010 IAHR conference, Edinburgh.

S.D. Seyoum, Z. Vojinovic, and R.K. Price (2010) Urban Pluvial Flood Modeling: Development and Application. 9th International Conference on Hydroinformatics 2010, China

Z. Vojinovic, H. Matingulu, A. Sanchez, S.D. Seyoum, and W. Barreto (2010) Multi-object Optimization of Urban Drainage Rehabilitation. Measures using Evolutionary Algorithms 9th International Conference on Hydroinformatics 2010, China

Z. Vojinovic, S.D. Seyoum, M. Salum, J. Mwalwaka, R. Price and A.Fikri (2010) Modelling Urban Floodplain Inundation with Different Spatial Resolution and Model Parameterisation. 9th International Conference on Hydroinformatics 2010, China

Khatri, K., and Vairavamoorthy, K (2011). A new approach of risk analysis for complex systems under future uncertainties: a case of urban water system. Accepted for international conference on vulnerability and risk analysis and management (ICVRAM) and ISUMA 2011 fifth international symposium on uncertainty modelling and analysis by ASCE, 2011 April (11-13), Maryland, USA.

Khatri, K., and Vairavamoorthy, K (2011). A new approach of decision making under risk and uncertainty while selecting a robust strategy. Accepted for international conference on vulnerability and risk analysis and management (ICVRAM) and ISUMA 2011 fifth international symposium on uncertainty modelling and analysis by ASCE, 2011 April (11-13), Maryland, USA.

Khatri, K., and Vairavamoorthy, K (2011). A hybrid approach of uncertainty analysis for performance measurement of water distribution system. Accepted for international conference on vulnerability and risk analysis and management (ICVRAM) and ISUMA 2011 fifth international symposium on uncertainty modelling and analysis by ASCE, 2011 April (11-13), Maryland, USA.

Khatri, K., Vairavamoorthy, K., and Akinyemi, E. (2011). A Framework for Computing a Performance Index of Urban Infrastructure Systems Using a Fuzzy Logic Approach. ASCE Journal of infrastructure systems (In press).

Z. Vojinovic, S.D. Seyoum, J.M. Mwalwaka and R.K. Price (in print) Effects of Model Schematization, Geometry and Parameter Values on Urban Flood Modelling. Water Science and Technology

S.D. Seyoum, Z. Vojinovic, and R.K. Price (under review) A Coupled 1D and Non-inertia 2D Flood Inundation Model for Urban Pluvial flood Modelling. ASCE Journal of Hydraulic Engineering

S.D. Seyoum, Z. Vojinovic, and R.K. Price (in preparation) Generalization from fine to coarse grid for Urban Pluvial flood Modelling