

DAY 2 - Thursday 24th August 2017 - Technical Program	
07:30	Registration
08:00	Session C - Rada Chaired by E.W.M. Lee and O. Gonçalves
08:00	C1 S. Watari , M. Otsuka, T. Matsuo A proposal of a method for planning and designing water supply and drainage facilities for buildings managed under BCP or LCP
08:15	C2 D. Cole , S. Buchberger, T. Omaghom, T. Wolfe, J. Witt Calculator for Estimating Peak Water Demand in Residential Dwellings
08:30	C3 C. Agudelo-Vera , M. Blokker Customized design of residential grey water and rainwater systems using SIMDEUM, a stochastic demand model
08:45	C4 S. Murakawa , D. Ikeda, A. Doi Estimation of water supply loads for the company cafeteria
09:00	C5 M. Lautz Software for Calculation of Potable Water
09:15	C6 L.B. Jack , S. Patidar, S.A. Wickramasinghe A proposed new UK framework for the sizing of domestic hot and cold water systems
09:30	C7 C.M. Dias, L.H. Oliveira , F.A. Kurokawa A mathematical model for decision-making of a non-potable water system in residential buildings: decentralized in clusters or individual decentralized?
09:45	C8 R.N. Mattos, R.P.A. Reis, M.S.O. Ilha Use of Storm Water Management Model for on lot drainage
10:00	Questions, 20 minutes
10:20	Coffee Break – Sponsor room, 35 minutes Poster Presentation (PP), 8 minutes
10:25	PP 10E T. Kawaguchi, M. Otsuka A study about the evaluation of the under-slab-floor drainage performance of a multiple water-saving toilet system comprising eight toilet units
10:25	PP 11F C. Pimentel-Rodrigues , A. Silva-Afonso, M. Lima, A.S.B. Cortês, J.A.S. Almada Rainwater harvesting systems in buildings with green roofs: a study on runoff coefficients
10:40	PP 12E Y. Araki , M. Otsuka Study on a technology to suppress calcified urine in a horizontal branch drainpipe system where multiple urinals are installed successively
10:55	Session D1 - Rada Chaired by M.C. Lee and L.H. Oliveira
10:55	D1 Y. Motomura , M. Otsuka, T. Kawaguchi, S. Tanabe, K. Shiraishi A study on the applicability of a hybrid drainage system to commercial building conversion
11:10	D2 M. Gormley , D.A. Kelly Air pressure transient generation, propagation and alleviation in tall buildings
11:25	D3 K. Yagasaki , T. Nishikawa Maintaining the Functionality of a Plumbing System
11:40	D4 K. Sakaue , K. Fujimura, T. Mitunaga Numerical Analysis of Induced Siphonage in P Trap

11:55	D5 T. Kojima , K. Sakaue A Study on Evaporation Phenomenon of Trap Seal Water
12:10	D6 R. Offringa Connections to a discharge stack at the same floor
12:25	Questions, 20 minutes
12:45	Lunch – van der Valk restaurant, 75 minutes
14:00	Session D2 - Rada Chaired by D. Kelly and M. Otsuka
14:00	D7 N. Hongo , M. Otsuka, Y. Kuga Experiment on flow capacity for drainage system of stack vent system with vent cap
14:15	D8 C.L Cheng, C.J. Chen , W.J. Liao Performance evaluation for same-floor drain technology in residential buildings
14:30	D9 I.P. Valencio , O.M. Orestes Field evaluation of water consumption and drainage system performance when 6.8 Lpf toilets were replaced by 4.8 Lpf toilet
14:45	D10 A. Silva-Afonso , C. Pimentel-Rodrigues, M. Kanoun-Boulé, J.A.S. Almeida Toilets: past present and future
15:00	D11 Wei-Shan Chen , J.H.G.Vreeburg Water out shit in: a new paradigm for resource recovery
15:15	Questions 20 minutes
15:50	Coffee Break – Sponsor room, 35 minutes Poster Presentation (PP), 8 minutes
15:55	Poster presentation 13E A.T. Ferreira, M.S. de Oliveira Ilha Dry-wells dimensioning: using analogy between heat flux in solids and water flow in the soil
15:55	Poster presentation 14F T. Niimi , A. Umayahara, K. Sakaue, S. Murakawa, K. Niki Survey to review the calculation standards for domestic wastewater treatment plants in the rest-areas of expressway
16:10	Poster presentation 15E E.Z.E. Conceicao , M. Manuela, J.R. Lúcio, I.L. Conceicao Utilization of water in a new clean technology applied in the air treatment and energy production in buildings
16:25	Session D3 - Rada Chaired by S. Vranayova and K. Sakaue
16:25	D12 S. White , M. Gormley Air for the drainage system - limitation roof penetrations in tall buildings
16:40	D13 S. Tanaka , T. Endo, M. Otsuka Study about vent cap air flow around buildings and the drainage stack internal pressure of the stack vent system by a numerical analysis
16:55	D14 L.Y. Cheng , L.H. Oliveira, P.H.S. Osello, R.A. Amaro A numerical investigation on the hydrodynamic impact loads of the solid waste transport inside main drains
17:10	D15 D.A. Kelly A transformative change to UK flood management: Domestic garden adaptation and retrofit
17:25	Questions 20 minutes
17:45	Closing session – Rada, 15 minutes
18:00	Close