

SUDSnet International Conference 2015

"Taking SUDS Forward"

DAY 1 – Thursday 3rd September 2015

Session 1 - Postgraduate Session

09:40	Retrofit SuDS: Distribution, Efficiency and Impact	Pennine Water Group / Scottish Water	Matthew Badger, Virginia Stovin, James Shucksmith, Kevin McCreath & Adam Brookes
10:00	Temporal Changes in Green Roof Hydrological Performance	University of Sheffield	Simon De-Ville, Virginia Stovin, Manoj Menon
10:20	Sustainable Drainage: End of Life	Coventry University	Anne-Marie McLaughlin, Susanne Charlesworth, Steve Coupe, Eduardo de Miguel
10:40	Representing vegetation within a CFD pond model	University of Sheffield	Mahshid Golzar and Virginia Stovin
11:00	Creating a Sustainable Drainage Flood Management Decision Support Tool	Coventry University	Craig Lashford, Susanne Charlesworth, Matthew Blackett, Frank Warwick
11:20	Clogging of Filtration SuDS: Evaluation of the long-term performance of Scottish trunk road filter drains	Abertay University	Ged Mitchell
11:40	Re-visiting the first flush concept - stormwater runoff from industrial estates	Abertay University	Marta Ibanez, Allan Cundill, Brian D'Arcy, Mark Hammonds, Fiona Napier, Louise Asher, Rebecca Wade

Keynote

13:20	SuDS in the Mediterranean: the successful experience of the Valencian Region (Spain)	Universitat Politècnica De Valencia	Igancio Andres Domenech
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Session 2 - Eco-system Services and SuDS

13:40	Assessing the multiple benefit of SuDS: dealing with the uncertainties and a new approach to including flexibility	Ecofutures Ltd	Richard Ashley, B. Gersonius, Chris Digman, Paul Schaffer, A. Bayliss, Suzanne Simmons
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14:00	SuDS, Ecosystem Services, Green-blue Infrastructure and the Leeds City Region: getting on the agenda	University of Leeds	Louise Walker, Christian Berretta, Viki Hirst, Richard Ashley
14:20	The implications of movement of water through an urban catchment on the delivery of a range of ecosystem services	Middlesex University	Lian Lundy, D. Mike Revitt, J. Bryan Ellis
14:40	Surface Water Management Planning in Scotland	Abertay University	Alison Duffy, Gaye McKay, Neil McLean
15:00	Designing additional benefits beyond water treatment in constructed wetlands and SuDS	Wildfowl & Wetlands Trust	Matthew Simpson, David Naismith
Session 3 - Performance Testing			
15:40	The hydraulic, water quality and biological performance of pervious pavement systems with novel sub-base designs	Coventry University / Marshalls	Luis A. Sanudo Fontaneda, Stephen J. Coupe, Chris Griffiths
16:00	Influence of oil spills in abrasion resistance loss of porous asphalt pavements	University of Cantabria	Jorge Rodriguez-Hernandez, Valerio C. Andres-Valeri, Midguel A. Calzada-Perez, Angel Vega-Zamanillo, Daniel Castro-Fresno, Daniel Jato-Espino
16:20	Performance of Stormwater Filters with Low Cost Materials (Coconut Fibre/Husks) for Caribbean Small Island Developing States (SIDS)	University of Greenwich / University of Trinidad & Tobago	Kiran Tota-Maharaj, Denver Cheddie
16:40	The design, testing and use of geotextile barriers in drainage applications	Coventry University / University of Cantabria	Anne-Marie McLaughlin, Stephen J. Coupe, Luis A. Sanudo-Fontaneda, Daniel Castro-Fresno, Elena Blanco-Fernandez
17:00	Research on novel highway filter drain designs for the protection of downstream environments	Coventry University / Carnell Support Services Ltd	Stephen Coupe, Luis A. Sanudo-Fontaneda, Susanne Charlesworth, Gordon Rowlands