

## SUDSnet National Conference 2009

Proceedings from this 2-day meeting can be accessed below. They include a mix of research and practitioner presentations on SUDS and SUDS-related topics.

### CONFERENCE CONTACT NAMES:

SUDSnet Director: Prof. Chris Jefferies (UWTC, Abertay)  
 SUDSnet Network Manager: Dr. Rebecca Wade (UWTC, Abertay)  
 SUDSnet Coordinator at Coventry University: Dr. Susanne Charlesworth  
 SUDSnet Admin Assistant: Leanne Gallagher (UWTC, Abertay)

## Proceedings from: SUDSnet 2009 (Sustainable Drainage Systems Conference)

**Venue and Date:** Coventry TechnoCentre. **November 12th and 13th 2009**

Click here for the [conference book](#) (pdf file)

Click on each presentation title below to view slides from the event



## SUDSnet National SUDS conference 2009 – PROGRAMME

### Day 1: Thursday 12th November 2009

9.30 – 10.30	REGISTRATION & TEA/COFFEE	
10.30	<b>Welcome and Announcements: Rebecca Wade</b> (SUDSnet, University of Abertay Dundee)	5 mins
10.35	<b>Introduction: Chris Jefferies</b> (SUDSnet, University of Abertay Dundee)	10 mins
10.45	<b>Keynote Speaker: Paul Shaffer (CIRIA)</b> Current Guidance and Best Practice	20 mins
10.55	Discussion	10 mins

### Session 1: SUDS for Roads and New Developments

	CHAIR: Chris Jefferies	
11.05	<b>Keynote: Neil McLean</b> (SEPA) <a href="#">Making In-Roads to Greening Streets</a>	20 mins
11.25	Chris Jefferies (University of Abertay Dundee) co-authors: Taye Akinrele, and Frank Guz <a href="#">SUDS for Roads</a>	20 mins
11.45	S Seekkubadu (Mayer Brown Ltd) co-authors: C Mant, JB Williams, P Stewart, E May, S Aldridge, W Brown <a href="#">An Assessment of the Performance of Sustainable Drainage Systems Integrated into the Design of a Major Development Area</a>	20 mins
12.05	Nicolas Bastien (Heriot-Watt University) co-authors: Scott Arthur, Stephen Wallis, Miklas Scholz <a href="#">Towards Best Management of Runoff in New Developments</a>	20 mins
12.25	Discussion	20 mins

12.45pm LUNCH and NETWORKING (Technocentre restaurant) 60 mins  
 POSTERS and DISPLAY STANDS (Conference rooms)

## Session 2: Planning and SUDS

	CHAIR: Rebecca Wade	
1.45	Roger Nowell (GreenEstate) and Bob Bray (Robert Bray Associates Ltd) <a href="#">A SUDS strategy and Planning Model to inform housing redevelopment in Sheffield</a>	20 mins
2.05	Steve Wilson (EPG Ltd) co-authors: Bob Bray, Simon Bunn, Eithne Flannagan <a href="#">A Local Authority Adoption Guide for SUDS</a>	20 mins
2.25	Frank Warwick (Coventry University) co-authors: Susanne Charlesworth, Paul Cole, Jim Newton <a href="#">Planning for the Bigger Picture: The Feasibility of Sustainable Drainage in Coventry</a>	20 mins
2.45	Bill Walton (Severn Trent Water) <a href="#">Sustainable Drainage Systems Guidance</a> <a href="#">Severn Trent Water's Approach to Adoption</a>	20 mins
3.05	Discussion	20 mins
3.25	TEA/COFFEE and Networking	20 mins

## Session 3: SUDS Applications

	CHAIR: Sue Charlesworth	
3.45	Bruce Ferguson (University of Georgia, USA) co-authors: Olivia Mikalonis and Benjamin K Ferguson <a href="#">Deck Construction and Performance for Impervious Surface Reduction</a>	20 mins
4.05	Matthew Travis (Enzygo Ltd) Co-author: Keelan R Serjeant <a href="#">Keeping the Greens Green – Golf course SUDS and Rainwater Harvesting: A paradox of two holes</a>	20 mins
4.25	Bob Bray (Robert Bray Associates Ltd) <a href="#">SUDS as an urban design discipline – providing added value to development</a>	20 mins
4.45	Discussion	20 mins

POSTERS and DISPLAY STANDS (Conference rooms)

6.30 pm CONFERENCE DINNER (Technocentre restaurant)

## Day 2: Friday 13th November 2009

9.00 – 9.30	Day 2 REGISTRATION & TEA/COFFEE	
9.30	<b>Welcome to day 2 and Announcements: Rebecca Wade</b> (SUDSnet, University of Abertay Dundee)	10 mins

## Session 4: SUDS and Floods

	CHAIR: John Blanksby	
9.50	Stephen Tingle (Renfrewshire Council) <a href="#">Modular Surface Water Management Plan</a>	20 mins
10.10	Will McMinn (University of Edinburgh) co-authors: Qinli Yang, Miklas Scholz <a href="#">Potential Use of Natural Flood Retention Wetlands to Control Diffuse Pollution</a>	20 mins
10.30	Discussion	20 mins
10.50 am each	Parallel Workshops and TEA/COFFEE	60 mins

**Workshop 1** - [SUDS and Floods](#). Lead by John Blanksby

**Workshop 2** - SUDS and Amenity – Value by design. Lead by Robert Bray

**Session 5: SUDS Performance 1 (rainwater harvesting, paving and heat pumps)**

	CHAIR: John Howe	
11.50	Stephen Coupe (Hanson Formpave) co-authors: Susanne Charlesworth, Amal Faraj <a href="#">Permeable Paving and Rainwater Harvesting: Legislation and Performance</a>	20 mins
12.10	Jamie Beddow (Coventry University) co-authors: S Charlesworth, N Thomas, A Jones <a href="#">An Investigation of Pollutant Retention By TarmacDry Pervious Pavement Structures</a>	20 mins
12.30	Kiran Tota-Maharaj (University of Edinburgh) co-authors: M. Scholz, P. Graboweicki, T. Ahmed, S. Coupe <a href="#">Molecular characterization of bacterial populations in urban runoff for combined permeable pavements and geothermal heat pumps.</a>	20 mins
12.50	Discussion	20 mins
1.10pm	LUNCH and NETWORKING (Technocentre restaurant) POSTERS and DISPLAY STANDS (Conference rooms)	60 mins

**Session 6: SUDS Performance 2 (wetlands and ponds)**

	CHAIR: Steve Coupe	
2.00	Kate Heal (University of Edinburgh) co-authors: Catherine Morgan, Steve Wallis, Rebecca Lunn <a href="#">Improving the Design of Urban Stormwater Ponds</a>	20 mins
2.20	Miklas Scholz (University of Edinburgh) co-authors: Atif Mustafa, Rory Harrington <a href="#">Microbial Communities Removing Nitrogen within an Integrated Constructed Wetland Treating Rural Runoff</a>	20 mins
2.40	Virginia Stovin (University of Sheffield), co-authors: Ian Guymer, Jean Lacoursiere <a href="#">Towards an understanding of the effects of vegetation on residence times in ponds</a>	20 mins
3.00	Discussion	20 mins
3.20	TEA/COFFEE and Networking	20 mins

**Session 7: Vegetated SUDS**

	CHAIR: Neil McLean (SEPA)	
3.40	Susanne Charlesworth (Coventry University) co-authors: Ernest Nnadi, David Lawson <a href="#">Utilising Green and Food Composted material in Vegetated SUDS Devices: Pillows and PVC</a>	20 mins
4.00	Virginia Stovin (University of Sheffield), co-authors: H. Kasmin and E. Hathway <a href="#">Towards a generic rainfall-runoff model for green roofs</a>	20 mins
4.20	Michelle Mayer (Coventry University) co-authors: Susanne Charlesworth, Paul Cole <a href="#">Using GIS to assess the pollution remediation characteristics of vegetated porous paving, Kenilworth, Warwickshire.</a>	20 mins
4.40	Andy Waite (Coventry University) co-authors: Susanne Charlesworth, James Bennett <a href="#">An Investigation of the Pollutant Retention and Hydraulic Properties of Various Grass Species for Utilisation in SUDS Devices'</a>	20 mins

5.00  
5.20

Discussion  
Close of meeting

20 mins  
10 mins

