



The Wastewater Planning Users Group
CIWEM's Urban Drainage Group

THE WASTEWATER AND URBAN DRAINAGE CONFERENCE

The challenge to manage surface water and
flooding in the urban environment

November 11th-13th 2009
Hilton Hotel, Blackpool

This conference is the main technical event for all stakeholders involved in the planning, design and management of urban drainage networks. The conference includes presentations from industry experts on the latest developments and thinking. There are opportunities to take part in workshops which will help shape the future direction of urban drainage management.

Sponsors:

Arup	Atkins	Clear	Detectronic Ltd	EnginSoft UK Ltd
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		RPS Water		

Sponsorship: If you are interested in sponsoring this event please contact Lauren Goozee lauren@ciwem.org or Justin Taberham justin@ciwem.org or ring them on 0207 831 3110

Brownfield Briefing (media partners)

Please circulate this programme to colleagues who are involved in these issues

The challenge to manage surface water and flooding in the urban environment in AMP5 November 11th - 13th Blackpool

Surface water management has been one of the major agenda areas since the floods of 2007 and the draft Flood and Water Management Bill that has been published. The Bill contains clear proposals on this topic to implement lessons learnt from recent reviews and research.

The last year has seen the first Surface Water Management Plan (SWMP) pilot studies completed and there have been exciting developments in analysis and planning approaches as a result of these initiatives. The conference will explore the initial findings of these SWMP projects that will inform Local Authorities, Consultants, Regulators and other stakeholders who will be faced with the challenge of implementing these methodologies as they are rolled out to the UK as a whole. The WaPUG IUD Guide has also been released. This sets up an integrated modelling framework for use in SWMP's. There will be case studies and examples of these presented at the conference.

Looking forward, OfWat's final determination on the Water Company's AMP5 business plans will be delivered in November and the indications are that urban drainage networks will once again be to the fore in the next 5 year plans as the UK as whole starts to come to grips with the challenges faced. Drainage Area Plans and asset management papers will be presented to demonstrate how Water Companies will integrate the management and development of their assets.

The aim of this conference is to update stakeholders on the latest technical developments in urban drainage and runoff/surface water management. Using the workshop principles the conference will also be used to set objectives for future R&D needs in this area. **The objectives of the meeting** will be to:

- Inform delegates of the key messages of recent research programmes including the Surface Water Management Plan Pilots and the use of integrated modelling techniques.
- Describe the latest technical developments and innovations in urban drainage studies, including both data acquisition, modelling and asset management techniques.
- Provide a forum for delegates and stakeholders to influence the development of future methods and procedures.

There will be a balance of technical presentations, case studies and workshops with ample time for delegates to express their views and network.

Wednesday 11th November

18.00 Conference registration and exhibition
18.30 – 20.00 Modelling How to Do Session and Open Surgery; Beaufort Room Jamie Margetts Clear

Thursday 12th November 2009

08.30	Registration and Coffee		
09.30	Welcome		
09.35 – 11:00	Session 1 – Surface Water Flood Management Chairperson: Adrian Saul, Sheffield University		
Paper 1	Flooding & Surface Water Management – context and strategic overview	David Rooke	Environment Agency
Paper 2	Extreme Event Analysis – Simulation or Guesswork?	Andy Sharpe	Black & Veatch
Paper 3	Assessing the importance of below ground Systems during flood event	T Bamford C Underhill	MWH MWH Soft
11.00– 11.30	Coffee and Exhibition		
11.30– 13:00	Session 2 – Surface Water Management Plan Update Chairperson: Dave Holloway - SEPA		
Paper 4	Gloucestershire SWMP	R Allitt	RAA Ltd

Paper 5	Kingston and Richmond SWMP's	R Dunn Ronnie Falconer	Halcrow Jacobs
Paper 6	1st Edition SWMP Thatcham	B Cafferkey	WSP
13:00 – 14:00	Lunch in Hotel Restaurant and Exhibition		
14:00 – 15:30	Session 3 Technical developments in urban flood modelling and assesment Chairperson: Neil Scarlett, Vice Chair WaPUG		
Paper 7	Impact of Network Simplification and LiDAR On Flood Risk Assessments	S Gokhale S Kenney Graham Squibbs	MWH India MWH United Utilities
Paper 8	Investigations into 1D-1D and 1D-2D Urban Flood Modelling – UKWIR project	D Stewart C Maksimovic S Djordjevic R Allitt	Torbay Council Imperial College University Exeter RAA Ltd
Paper 9	Investigations into Urban Creep at 5 Cities	M Allitt A Tewkesbury	RAA Ltd Infoterra
15:30 – 16:00	Afternoon Tea and Exhibition		
16:00 – 17:00	Workshop 1 Quality or Climate Change: Balancing sustainability with investment. Chairperson: David Balmforth Moderator: Paul Brettell Workshop 2 – IUD Modelling Guide Living Draft – Feedback and Updates Chairperson: Jamie Margetts Moderator: Chris Digma Workshop 3 – Collecting data for surface water and extreme events. Chairperson: Adrian Saul Moderator: Neil Scarlett		
17:00 – 18:30	Exhibition		
19:30	Conference Dinner followed by the WaPUG Event in the Royal Suite		

Friday 13th November 2009

09.00 – 10.30	Session 4 – Asset Management Strategies & Modelling in Urban Drainage Networks I Chairperson: Gerard Morris, Environment Agency		
Paper 10	Optimal Asset Management Planning: Advances in Sewerage Analysis.	G Heywood T Fynn	Severn Trent United Utilities
Paper 11	Sewerage Management Plans and SRM5 – What it means to Drainage Area Plans	David Terry	Severn Trent
Paper 12	Project Storm 2 – Planning the future of Auckland	M Lind A Gibson	Watercare Services Ltd MWH
10.30 – 11.00	Coffee and Exhibition		
11.00 – 12.30	Session 5 – Asset Management Strategies & Modelling in Urban Drainage Networks II Chairperson: Peter Myerscough - WaPUG Chairman		
Paper 13	Risk Based Integrated Drainage (DTI SAM) Project	R Kellagher	HR Wallingford
Paper 14	A Dolphin Friendly Discharge	J Lau R Whittaker	Anglian Water Alliance / BV Environment Agency

12.30 – 13.00
13.00

WaPUG Forum
Conference Closes
Lunch in Hotel Restaurant

BOOKING FORM

The challenge to manage surface water and flooding in the urban environment

The Chartered Institution of Water and Environmental Management (CIWEM) is an independent professional body and registered charity, advancing the science and practice of water and environment management for a clean, green and sustainable world. www.ciwem.org. **WaPUG, the Wastewater Planners Users Group** has recently become part of CIWEM; this conference builds upon a long and successful track record for the WaPUG annual conference.

The Venue: The venue is the Hilton Hotel, Blackpool which has been used for this event for many years

Accommodation: There is a wide range of accommodation available at the conference venue Hilton POG. URL: www.blackpool.hilton.com/wapug2009 - click on this link to benefit from the conference concession deal; a wide range of accommodation is available in Blackpool and there is a link on the CMS website.

The Organisers: The conference is being organised by Bob Earll of CMS - Communications and Management for Sustainability on behalf of WaPUG

Conference fee:

Conference fee	£250	plus	VAT £37.50	£287.50
First named speakers	£200	plus	VAT £30.00	£230.00

- The fee includes food and refreshments, the conference dinner on the 12th and the conference papers
- Delegates with special needs should make this clear on booking

Conditions:

- Payment may be by cheque, BACS, credit card or online at www.coastms.co.uk
- Cheques(made payable to 'CMS') should be sent to: **CMS, Candle Cottage, Kempley, Glos GL18 2BU**
- For BACS payments please **return the booking form first** for an invoice to be raised
- Invoices will be issued as the standard response
- Confirmation of registration will be acknowledged on receipt of booking form
- Receipts will be issued on payment
- Payment should be completed **BEFORE** the event; otherwise entry may be refused
- Payment is due for all cancellations within ten working days of the meeting. Refunds(less £20 administration charge) will only be issued for cancellation more than ten working days of the meeting; substitutes are permitted.

Further details from Bob Earll: Phone / Fax 01531 890415 Joining details – maps, directions and hotels – programme are on the CMS website: www.coastms.co.uk or Email: bob.earll@coastms.co.uk

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The Wastewater and Urban Drainage Conference Nov 11-13th 2009 Blackpool

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(BLOCK CAPITALS PLEASE)

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