

A CIWEM – CMS Conference

Surface Water Management The Developing Picture and Key Lessons

June 14th, SOAS London

The pace of change in surface water management is fast with the implementation of the Flood and Water Management Act and the rapidly developing involvement of Local Authorities. The aim of this conference is to focus on surface water management and the key issues of legislation, implementation and the need for change, funding and the role of water companies, planning, implementation and SUDS.

Sponsors

Hydro Polypipe Landform Micro Drainage RSK Group Plc MWH WRC

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Surface Water Management Conference - The Developing Picture and Key Lessons **June 14th SOAS London**

The pace of change in surface water management is fast with the implementation of the Flood and Water Management Act and the rapidly developing involvement of Local Authorities. The aim of this conference is to focus on surface water management and the key issues, legislation, implementation and the need for change, funding and the role of water companies, planning, implementation and SUDS. Themes to be covered are:

- An overview of the current situation
- The developing policy context
- Surface water flooding – A local authority perspective – risk, consequences and political buy-in
- Funding surface water schemes and the proposed new regime
- Water Company Drainage investment and surface water flood risk management – Partnership re F&WMA
- Surface Water Management plan completion – sharing the lessons
- Surface Water Management scheme delivery - Implementation – examples from Early Action
- Mainstreaming SUDs across all aspects of planning and delivery including retrofitting

Format: 7 sessions - 20 minutes presentation & 20 minutes for points and questions from the audience

Speakers confirmed in bold - to be confirmed TBC

9.45 Welcome to the conference Gerard Morris – President of CIWEM

9.45 – 10.00 Welcome and introduction to the conference: Chairman **Elliot Gill** Halcrow

- Explaining the programme
- Surface Water Flooding - Properties at risk – higher than from fluvial and coastal
- Growing awareness because of convection storms and flash flooding – routinely overwhelming drainage creating issues of surface water flooding
- Mainstreaming integrated solutions to drainage, SUDs, (paradigm shift) for multiple benefit
- How can we make better use of drainage systems without spending vast amounts of money?

10.00 – 10.45 An overview of the developing policy context

Roger Orpin & Linda Aucott Defra

2 x 15 mins presentations 20 mins for discussion

- FWMA implementation
- New policy directions risk management and funding
- Capacity building – how are things supposed to work
- Addressing the balance between central Government and local action (national and local views on risk); Guide to localism - DCLG
- New legislation – options and thinking – White Paper (Summer 2011) Legislation in May 2012
- National standards for SUDs
- Operation Watermark – outputs for surface water management
- Update on national strategy and progress on local strategies
- Obligations under the climate change risk assessment

10.45 – 11.25 Surface water flooding – A local authority perspective – risk, consequences and political buy-in

David Hickman and Richard Belfield Lincolnshire County Council

20 minute presentation – 20 minute discussion

- How flood management is funded in the local authority context – in competition with other local authority budget requirements
- Local authorities initial assessments of flood risk (PFRA's) are providing a better understanding of how flooding events have affected their locations in the past.
- Flooding is also in clear competition with other services for funding - what influences decision making? This work is also providing a much clearer idea of the type of event that has caused problems in the past and the consequences of this. There are a range of local authority responses and political buy in to this process ranging from those where there is a clear and present threat to those where the threat is less obvious.

- This session will explore the important link between political buy-in at a local authority level, and the risk and consequences of our current understanding of flood risk and what more could be done to communicate these risks effectively. [Does better evidence increase buy-in]

11.25 – 12.15 First refreshment break

Session 2 Chairman: **Nick Orman** WRc

12.15 Funding surface water schemes and the proposed new regime

Daniel Johns Defra

20 mins presentations – 20 minute discussion

- The proposed new regime – outcomes of the Defra consultation in relation to *surface water flooding schemes*
- Partnership funding for planning and delivery (research project outcomes - Linda Aucott)
- Specific view of the role – funding input of the Water Industry in this post FWMA process
- A Defra pot for surface water schemes doesn't exist at present – how might this be addressed? Indications of scale of demand – Early Action Fund 2010
- Specific surface water funding issues
- Public appetite for investment in schemes

13.00 -13.40 Water Company Drainage investment and surface water flood risk management – Partnership re F&WMA

Peter Jordan Ofwat

20 mins presentation & 20 mins discussion

- Involvement of Water Company Periodic review investment into the new flooding regime [relatively large sums – relative to Defra spend]
- Ofwat's sustainable drainage programme of work and future prospects
- How existing schemes are being implemented and integrated as per FWM Act
- Partnership working at a local level: the range of measures, partners – duty to cooperate, investment, sharing information, responsibilities for SUDs
- Connection – Separation: Should separation be embraced more fully to reduce treatment and infrastructure costs?
- There seems to be ambiguity in relation to the degree that water companies are engaged in the current processes not least re F&WMA to the point where there is a view that more legislation might be needed to prompt them to do the right thing – PR14 issues

Break 2 13.40-14.20

Session 3: Chairman: **Chris Digman** MWH

14.20 -15.00 Surface Water Management plan completion – sharing the lessons

Kevin Reid GLA

20 mins presentation & 20 mins discussion

- There has been a considerable amount of work producing surface water management plans
- Reducing costs by partnership across local authority boundaries
- This session would aim to share the lessons very directly

15.00 -15.40 Surface Water Management scheme delivery - Implementation – examples from Early Action

Jonathan Hunter Environment Agency

20 mins presentation & 20 mins discussion

The Defra Early Action funding round in 2010 was massively over-subscribed but provided funds to meet a variety of local authority projects. This presentation would review what it has been possible to achieve during this period and the lessons to emerge from this.

- Vision – scale and integration
- The role of all SUSs type in this vision
- Separating systems
- Scheme delivery

15.40 – 16.30 Mainstreaming SUDs across all aspects of planning and delivery including retrofitting

15 mins SUDs Standard - Defra TBC

15 mins **Simon Bunn** Cambridge City Council

Two presentations of 15 mins and 20 minutes discussion

- SUDs are fundamental to the 'paradigm' change required to deal with surface water
- Mainstreaming SUDs into the entire process of

- National Standards
- Retrofitting – the major delivery challenge?
- Maintenance

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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

The Venue: The venue is the School of Oriental & African Studies (SOAS), Russell Square, London. This is a new, air conditioned lecture theatre, with all the modern AV aids and professional projectionists; there will be ample space to accommodate the anticipated delegate numbers.

Accommodation: There is a wide range of accommodation available in the area and delegates will receive a hotel list when they book.

The Organisers: The conference is being organised by Bob Earll of Coastal Management for Sustainability (CMS), in partnership with the CIWEM.

Conference fee: [VAT at 20%]

Conference fee	£180	VAT £36.00	£216.00
Concession rate*	£150	VAT £30.00	£180.00
Group Rate [3 or more paying together]	£155/person	VAT £31.00	£186.00 each
Full time Post Graduate student/ Retired CIWEM members	£55	VAT £11.00	£66.00

*Our aim is to make the conferences as inclusive as possible. The concession rate applies to individuals and organisations that clearly work from limited budgets in the academic or voluntary sector. We will review this on a case by case basis and place individuals and organisations on a register for future reference. Please contact us first by email to bob.earll@coastms.co.uk **before booking** if you think you qualify.

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

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 - Payment is due for all cancellations within ten days of the meeting. Refunds (less £20 administration charge) will only be issued for cancellation more than ten working days before 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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