

London
Olympia Conference Centre
29th – 30th April 2009



CIWEM'S ANNUAL CONFERENCE 2009

WATER & THE GLOBAL ENVIRONMENT

www.ciwem.org/events/annual_conference

Keynotes include

Professor Sir David King, Philip Fletcher CBE and Lord Chris Smith

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Flood Risk Management

This session will focus on integrated approaches to flood and coastal erosion risk, and surface water management

Technical Issues in Achieving a Sustainable Water Industry

This session will focus on infrastructure investment, wastewater management and water quality

9.00 Registration

9.25 Welcome from CIWEM President, Alastair Moseley

9.30 Invited keynote: Rt. Hon. Hilary Benn MP (Secretary of State for Environment, Food and Rural Affairs)

Chair: Terry Fuller (Jacobs and CIWEM Rivers & Coastal Group)

The Environment Agency's future strategy for flood and coastal erosion risk management (**David Rooke, Environment Agency**)

Flood vulnerability and resilience: A real-time study of local recovery following the floods of June 2007 in Hull (**Rebecca Simms, Lancaster University**)

Putting 'Making Space for Water' into practice in the Lower Derwent: A case history (**John Gosden, Jacobs**)

Flood mitigation within the framework of Integrated River Basin Management (**Jon Bartlett, Black & Veatch**)

Chair: Gerard Morris (Environment Agency and WaPUG)

Infrastructure investment management (**Mike Morrisroe, MWH**)

Targeting sewerage infrastructure investment (**Simon Gee, Faber Maunsell**)

Integrated sustainable infrastructure development (**Richard Ratcliff, MWH**)

Developing and implementing procurement models for AMP5 (**Mike Grayson, Yorkshire Water Services**)

Break 11.20 -11.40

Management of extreme event runoff in an urban environment: Are SUDS the answer? (**Matthew Elliot, White Young Green**)

Surface Water Management Plan: From Integrated Urban Drainage pilot to regeneration delivery (**Julian Payne, Environment Agency**)

Dwr Cymru Welsh Water's Surface Water Management Strategy (**David Bayliss, Dwr Cymru Welsh Water**)

Deadly Waters of March: Tackling urban flooding at the architectural scale (**Fernando Lara, University of Michigan**)

Risk management of water utility assets (**Paul Chadwick, Mott MacDonald**)

Lowering the cost and carbon footprint of sewage treatment by using an Aerobic Membrane Bioreactor (**Martin Jolly, Black & Veatch**)

The effects of climate change on sewerage networks (**Kristian Ravnkilde, Atkins**)

Sustainable water management: Addressing water scarcity through water reuse (**John Tattersall, Black & Veatch**)

Lunch 13.00 -14.00

14.00 Keynote address

Chair: Professor David Balmforth (MWH and Editor-in-Chief, Journal of Flood Risk Management)

Integrated solutions for flood risk management: How can we make space for water? (**Katherine Pygott, Halcrow**)

Joining things up in floodplains: an integrated approach to land and water management (**Joe Morris, Cranfield University**)

The Thames Catchment Flood Management Plan: The strategic management of flood risk in the Thames region (**James Gibson, Environment Agency**)

Chair: Professor David Butler (University of Exeter and Editor-in-Chief, Water & Environment Journal)

Planning for PR09 wastewater quality: The scale of short-term changes between draft and final business plan in the context of longer term planning (**Karen Simpson, Mouchel**)

Removal of endocrine disrupting chemicals in sewage treatment: The national demonstration programme (**Tony Butwell, WRc**)

Implications of the Severn Barrage on water quality (**Roger Falconer, Cardiff University**)

Break 15.30 -15.50

The Tyndall Centre Coastal Simulator and Interface (CoastS) (**Robert Nicholls, University of Southampton**)

Weston-super-Mare sea defences: A catalyst for economic and social regeneration (**Rachel Lewis, North Somerset Council**)

A tale of two shorelines (**Jaap Flikweert, Royal Haskoning**)

N-Nitrosodimethylamine and other Nitrosamines in selected water supply systems in England and Scotland (**Michael Templeton, Imperial College London**)

Catchment diffuse agricultural pollution and Drinking Water Safety Plans (**Chris Fawcett, ADAS**)

Drinking Water Safety Plans: Tool for sustainable water operations or regulatory burden? (**Phil Wakeford, Thames Water**)

17.00 Keynote: Lord Chris Smith (Chairman, Environment Agency)

Conference Dinner, 29th April

We will enjoy a seasonal menu of sustainably sourced foods at The Larder, near Smithfields Market, www.larderrestaurant.com Transport to and from the restaurant will be via traditional Routemaster bus passing by some of London's landmarks.

Water Resources and Integrated Catchment Management

This session will focus on managing our water resources sustainably, it includes innovative global case studies and updates on the latest progress in implementing the Water Framework Directive

Climate Change and Sustainability

This session will focus on policies, plans and projects that address climate change and sustainability within the water and environment sector

9.00 Registration

9.30 Keynote address

Chair: Colin Fenn (Chair, CIWEM Water Resources Panel)

'Water for People and the Environment' (**Ian Barker, Environment Agency**)

Building a Waterwise future (**Brian Hooper, Waterwise**)

Towards sustainable abstraction: The impact of externalities on economic leakage levels (**Dennis Grimshaw, RPS Water**)

Is water trading a solution to water scarcity in England? (**Julien Harou, UCL**)

Chair: Dave Pritchard (CIWEM Arts and Environment Network)

Sustainable development in practice: The Mersey Basin campaign (**Walter Menzies, Mersey Basin Campaign**)

The Voice of Freshwater: Greenhouse Britain Revisited (**David Haley, Manchester Metropolitan University**)

Managing the sustainable regeneration of urban river corridors (**Tom Wild, University of Sheffield**)

River SSSIs: Prioritising steps along the road to recovery (**Joanna Eyquem, Royal Haskoning**)

Break 11.20 - 11.40

Biological monitoring and classification of surface freshwater in England & Wales for River Basin Management Plans (**Richard Hemsworth, Environment Agency**)

An assessment of the non-market benefits of the Water Framework Directive for households in England & Wales (**Paul Metcalfe, NERA**)

Developing an interdisciplinary tool for analysing alternative WFD implementation strategies: The ChREAM project (**Ian Bateman, University of East Anglia**)

Sustainable growth and water cycle planning (**Andy McConkey, Halcrow and Paul Hickey, Anglian Water**)

Water Cycle Strategies: An integrated approach (**Jon Hillman, Scott Wilson**)

River daylighting: a review of current practices (**Jacqueline Bernet, University of Sheffield**)

Lunch 12.40 - 13.40

13.40 Keynote: Professor Sir David King (former UK Government's Chief Scientific Adviser)

Chair: Geoff Bateman OBE (Environment Agency and CIWEM Past-President)

UKWIR Ribble pilot study: Demonstrating key issues for Water Framework Directive catchment planning (**Bob Crabtree, WRc**)

The art of environmental engineering (**Paul Simkins, Arup**)

Dipping our toes in the water: A first assessment of Water Framework Directive River Basin Management Plans (**David Lerner, University of Sheffield**)

Chair: Colin Challen MP

The paradigm shift: Holistic strategy development to respond to the challenges and opportunities arising from climate change and rising energy costs (**Chris Barker, MWH**)

Does Integrated Water Resources Management support adaptive governance: A policy perspective (**Itay Fischhendler, Hebrew University of Jerusalem**)

Equity, sustainability and efficiency: Aquatic ecosystems and democratic reform in South Africa (**Mark Everard, Environment Agency**)

Break 15.10 - 15.25

Implementing integrated water quality management and pollution control in the Yellow River Basin through the EU-China River Basin Management Programme (**Simon Spooner, Atkins**)

Sustainable water use in the Silk Road oasis in northern China (**Jan van Wonderen, Mott MacDonald**)

Water demand management: Recognising future challenges in managing water resources in Australia (**Steffi Senkpiel, MWH**)

CIWEM 2050 Vision: An integrated response to critical water and environmental issues up to 2050 (**Peter Treadgold, TfL**)

An integrated approach to climate change (**Ruth Allen, RSK**)

Mainstreaming climate change adaptation within Anglian Water (**Andy Brown, Anglian Water**)

16.35 Keynote: Philip Fletcher CBE (Chair, OFWAT)

CIWEM Membership Surgery

A Membership Surgery will be open throughout the conference where staff will be able to discuss individual applications, including requirements for registration with the Engineering Council, Science Council and Society for the Environment. A reduced application fee of £100 is available to all delegates by visiting our Membership Surgery. Staff will also be pleased to discuss Professional Development opportunities and Business and Academic Affiliation with CIWEM. For more information, contact membership@ciwem.org.

CIWEM's Annual Conference 2009: Water and the Global Environment

www.ciwem.org/events/annual_conference

Online Booking at www.coastms.co.uk/Conferences/CIW09.html

The Venue: Olympia Conference Centre, London

Accommodation: Suggested hotels at www.coastms.co.uk

Delegate rates:

Standard rate (all or part of the event)	£225	VAT £33.75	£258.75
Concessionary* or group booking rate (3 or more people)	£195	VAT £29.25	£224.25
Full time post-graduate student/ Retired CIWEM members	£95	VAT £14.25	£109.25
Conference Dinner (29th April) LIMITED SPACES	£60	VAT £9.00	£69.00

Delegate passes are for named individuals attending all or part of the conference; they cannot be split between staff. Substitutions are permissible in advance by contacting bob.earll@coastms.co.uk. The flat fee allows you to attend all of the conference but does not include the Conference Dinner. The Conference Dinner price includes transport to and from the restaurant.

*The concession rate applies to individuals and organisations that work from limited budgets. Please email bob.earll@coastms.co.uk **before booking** if you think you qualify.

Conditions:

- The fee includes food and refreshments and the conference papers
- Payment may be by cheque (made payable to 'CMS'), BACS, credit card or online at www.coastms.co.uk
- For BACS payments please return the booking form first for an invoice to be raised
- Invoices will be issued as the standard response and receipts will be issued on payment
- Confirmation of registration will be acknowledged on receipt of booking form
- Payment should be completed BEFORE the event; otherwise entry may be refused
- Delegates wishing to cancel their booking must do so more than 10 working days prior to the conference in order to receive a refund (minus an administration charge of £20). Substitute delegates will be accepted until the start of the conference, please contact the conference administrators. If the organisers have to cancel or postpone the conference, delegates will be reimbursed the fee (minus an administration charge of £20). Associated accommodation or travel expenses will not be refunded by CIWEM.

Organised by Bob Earll of Coastal Management for Sustainability (CMS) for CIWEM. Further details available from Bob Earll on 01531 890415 or bob.earll@coastms.co.uk.

CIWEM's Annual Conference 2009: Water and the Global Environment

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