



WATER & ENVIRONMENT 2010

CIWEM'S ANNUAL CONFERENCE

Olympia Conference Centre | London | 28th-29th April 2010

www.ciwem.org/events/annual_conference

KEYNOTE SPEAKERS INCLUDE:

Lord Chris Smith, Environment Agency

Regina Finn, Ofwat

John Hirst, Met Office

Charles Ainger, University of Cambridge

SPONSORS



MWH

Halcrow

The key event for water and environmental professionals

EXHIBITORS



Polypipe



MEDIA PARTNERS



April 28th

Keynote 1
9.30 – 9.55

Opening Address by CIWEM President Ken Shapland

Auditorium

Flood Risk Management and Coastal Adaptation

Chair Robert Runcie, Environment Agency

Water Resources, WFD and Biodiversity

Chair David Butler, Editor of CIWEM's Water and Environment Journal

10.00 – 10.20

Change on the Horizon: The Future Legislative Landscape for FCRM

Neil Emmott, Environment Agency

The Code for Sustainable Homes: A Methodology for Assessing Influence on Regional Water Demand

Ana Paula Micou, University of Leeds

10.20 – 10.40

Flooding From All Sources: A New Tool for Integrated Mapping

Matt Horritt, Halcrow Group Ltd

The Need for Water Storage and Tomorrow's Climate

David Evans OBE, Water Resource Consultant

10.40 – 11.00

Developments in Hydrometeorology: From Surface Water to Long-Range River Flood Forecasting

Murray Dale, Halcrow Group Ltd

Harnessing the Tide: The Environmental Challenges of Severn Tidal Power

Tom Matthewson, Black & Veatch

11.00 – 11.20

Major Flood Response – A Perspective on International Mutual Aid

Paul Hayden, Hereford & Worcester FRS

Early Insight into the Implications of the New UKCP09 to Water Resource Planning

Dr Brian Arkell and Geoff Darch, Atkins

Break 11.20 -11.40

11.40 -12.00

Coastal Erosion Mapping: Shaping the Future of Local Planning Policy

Jonathan Rogers, Halcrow Group Ltd

Understanding and Managing Uncertainty Related to Future Change in Catchment Systems: Defining and Developing Best Practice Guidance

Ruth Alcock, Lancaster University

12.00 – 12.20

Planning for Coastal Change

Amalia Fernandez-Bilbao, Scott Wilson

Integrated Mitigation: River Restoration – A Case Study

Dr Thomasine Rudd, Cascade Consulting

12.20 – 12.40

Climate Change Adaptation in Major Coastal Cities

Tim Reeder, Environment Agency

Water Resource Options for Freshwater Pearl Mussel Habitat Protection in the Rivers Ehen and Irt (Cumbria)

Brian Cox, Atkins

12.40 – 13.00

Help or Hindrance? Agriculture's Contribution to Flood Adaptation and Mitigation Under Climate Change

Joe Morris, Cranfield University

Wastewater Treatment Through Effective Wetland Management of That Luang Marsh (WATER), Vientiane Laos

Dr Sally Mackenzie, Wildfowl & Wetlands Trust

Lunch 13.00 – 14.00

Climate Change and Sustainability

Chair Geoff Darch, Chair of CIWEM Climate Change Network

Water Resources, WFD and Biodiversity

Chair Geoff Bateman OBE, CIWEM Past President

Keynote 2
14.00 – 14.25

Regina Finn, Chief Executive, Ofwat

Auditorium

14.30 – 14.50

An Overview of the Environment Agency's Climate Change Response

Julian Wright, Environment Agency

Sinking or Swimming? Surveying Community Based Catchment Management Groups in England and Wales

Hadrian Cook, Kingston University

14.50 – 15.10

Determining Effects of Climate Change and Ecosystem Restoration Management in the Coastal Everglades of Florida USA Using a Linked Hydrodynamic Surface-Water/ Groundwater Model

Eric Swain, US Geological Survey

Long Term Trends in the Water Quality of Scottish Rivers

Dr Ian Oliver, Scottish Environment Protection Agency

15.10 – 15.30

Climate Adaptation Challenges in the UK and The Netherlands

Matthew Hunt and Marnix de Vriend, Royal Haskoning

Chemical Source Apportionment Under the Water Framework Directive

Sean Comber, Atkins

Break 15.30 -15.50

15.50 – 16.10

Latest Developments in Greenhouse Gas Footprinting

Howard Lungley, GHD

Integrating Models of Agriculture and Water Quality to Identify Cost-Effective Water Framework Directive Nitrate Reduction Measures

Emma Coombes, University of East Anglia

16.10 – 16.30

Mitigating Climate Change: Carbon Accounting Towards a Sustainable Water Industry: Case Study DCWW

Tim Marshall, Halcrow Group Ltd

Farming Floodplains for the Future

Matt Jones, Staffordshire Wildlife Trust

16.30 – 16.50

Environmental Legislation: The Carbon Reduction Commitment and Other Key Updates

Lucie Drummond, Burges-Salmon

Perspectives on EU River Basin Management

Patrick L O'Brien, Project Management Group Ireland

Keynote 3
17.00 – 17.25

John Hirst, Chief Executive, Met Office

Auditorium

Conference Dinner

To be hosted by Gilgamesh Restaurant, a critically acclaimed pan-Asian restaurant in Camden (www.gilgameshbar.com). Transport to and from the restaurant will be via traditional Routemaster bus passing by some of London's landmarks.

April 29th

9.30 – 10.40

Fitting the BillA facilitated political debate discussing the priorities in the run up to the election – speakers TBC
Auditorium

Break 10.40 – 11.00

Case Studies – Good Practice & Sharing Knowledge (Focus on Flood Risk Management)**Case Studies – Good Practice & Sharing Knowledge**

11.00 – 11.10

Introduction by Chair Fola Ogunyoye, CIWEM Rivers and Coastal Group**Introduction by Chair Bob Sargent**, CIWEM Past President

11.10 – 11.15

Land Use Management & FCRM: From Policy into Practice
Adam Baylis, Environment Agency**watERAnet – A Research Community for European Water Managers, Researchers and Practitioners**
Lorraine Hutt, Environment Agency

11.15 – 11.20

Improving Flood Warnings in England and Wales
Oliver Harmer, Environment Agency**How Can New and Innovative Technologies Help Achieve an Optimised Water Network?**
Stuart Moss, Mouchel

11.20 – 11.25

The Influence of Detailed Data Availability on Assessing Flood Risk for the EU Flood Directive
Neil Breton, Atkins**Asset Management Around the World**
Christian Roberts, GHD

11.25 – 11.30

A Review of Pluvial Flood Management in North London After the July 2007 Floods
Paul Cross, Environment Agency**Carbon Footprinting of Yorkshire Forward Interventions**
Carol Somper, WYG plc

11.30 – 11.35

Reservoir Inundation Mapping & Emergency Planning
Sun Yan Evans, Mott MacDonald**Providing the City of Adelaide with a Secure Water Supply**
Paul Gerard, Mott MacDonald

11.35 – 11.40

Put People and Communities at the Heart of What We Do: Strategic Coastal Risk Management at Climping, West Sussex
Chris Sadler, Atkins**Maysbrook – The UK's First Climate Change Adaptation Public Park**
Robert Oates, Thames Rivers Restoration Trust

11.40 – 11.45

Integrated Management of Habitat, Flooding and Coastal Erosion Response to Climate Change in the Severn Estuary
Paul Canning, Atkins**Weather, Climate Change and Water – Optimising Operations and Strategy**
Michelle Spillar, Met Office

11.45 – 11.50

Flooding of Critical Infrastructure: The Mythe WTW 3 Years On
Jonathan Wright, Mouchel**Masdar City: Supporting the Development of a Blueprint for Innovative, One Planet Living**
Joanne Crawshaw, Mott MacDonald

11.50 – 11.55

Experiences from the Hull Surface Water Management Plan
Peter Toms, Halcrow Group Ltd**What Lessons can be Learned from the Proposed River Itchen Sustainability Reductions?**
Phil Sutherland, Atkins

11.55 – 12.00

Pevensey Bay Sea Defences PPP – Towards Best Practice in Sea Defence Provision
Ian Thomas, Pevensey Coastal Defence Ltd**Cambridge Water Cycle Strategy: Partnering for a More Sustainable Water Future**
Elliot Gill, Halcrow Group Ltd

12.00 – 12.05

Question Time**Use of Seawater for Toilet Flushing in Coastal Cities**
S L Tang, The Hong Kong Polytechnic University

12.05 -12.25

Question Time**Lunch**

12.25 – 13.30

LUNCH, ART, AND INSURRECTION. CIWEM's Arts & Environment Network, in conjunction with the Centre for Contemporary Art & the Natural World, invite you to an amazing lunchtime menu of serious art and design for environmentalists. Featuring activist John Jordan on art, COP15 and environmental justice, and surprises from the London College of Fashion – Conference Rooms 1&2**Flood Risk Management****Chair David Rooke**, CIWEM Past President**Water Industry & Technical Issues: Wastewater Management, Regulation and PR14****Chair Colin Fenn**, Chair of CIWEM Water Resources Panel**Keynote 4**

13.30 -13.55

Lord Chris Smith, Chairman, Environment Agency

Auditorium

13.55 – 14.15

Managed Realignment – Lessons Learnt
Natalie Frost, ABP Marine**Regulating for Sustainability**
Frank Grimshaw, Severn Trent Water

14.15 – 14.35

Flood Resilience for Critical Infrastructure
Will McBain, Arup**Water Efficiency – Lost in the Wilderness?**
Susan West, Halcrow Group Ltd

14.35 – 14.55

Reservoir Safety – Planning for the Future
Speaker to be confirmed, Environment Agency**Pressures and Challenges for Water Management**
Ian Barker, Environment Agency

Break 14.55 – 15.10

15.10 – 15.30

Options for the Development of a Pluvial Flood Warning Service in England and Wales
Anthony Hurford, HR Wallingford**The Challenge for the Mayor of London to Thames Water's Desalination Plant at Beckton**
Dr Graeme K Pearce, Membrane Consultancy Associates Ltd

15.30 – 15.50

Retrofitting Stormwater Management Systems in the UK – Problems and Opportunities
Richard Ashley, University of Sheffield and UNESCO IHE Delft**Renewable Energy and Landfill Diversion – Recognising Peoples' Behaviours**
Tim Evans, Tim Evans Environment

15.50 – 16.10

Strategic (Inland) Overview of Flood Risk – Why Partnership is Crucial
Mel Andrews, Environment Agency**Energy Management in Water Networks**
Dr Joseph Hartley, MWH**Keynote 5**

16.10 – 16.35

Charles Ainger, RAE Visiting Professor, University of Cambridge

Auditorium

Water & Environment 2010: CIWEM's Annual Conference

www.ciwem.org/events/annual_conference
Online Booking at <http://www.coastms.co.uk/conferences/415>

The Venue: Olympia Conference Centre, London

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

Delegate rates:

Standard rate (both days)	£225	VAT £39.37	£264.37
Day Delegate Rate 28th or 29th April (please specify)	£160	VAT £28.00	£188
Full time post-graduate student/ Retired CIWEM members	£95	VAT £16.62	£111.62
Conference Dinner (28th April) LIMITED SPACES	£60	VAT £10.50	£70.50

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.

Water & Environment 2010: CIWEM's Annual Conference

FAX TO: 01531 890415

Online Booking: www.coastms.co.uk



I will be attending on 28th April 29th April (please indicate your attendance)

Name	<input type="text"/>		
Organisation	<input type="text"/>		
Address	<input type="text"/>		
Telephone / Fax	<input type="text"/>	Are you a CIWEM member? Y / N	<input type="text"/>
Dietary requirements	<input type="text"/>	Special Needs	<input type="text"/>
It is essential for both pre and post conference communication that we have your email address:			
Email address	<input type="text"/>	I am happy to receive CIWEM email updates Y / N	<input type="text"/>
Please register	<input type="text"/> place (s)	Conference dinner	<input type="text"/> place(s) Total amount £ <input type="text"/>
Your ref. / order number	<input type="text"/>		
I wish to pay by BACS/Credit Card/Cheque (please delete)	Name on card <input type="text"/>		
Credit Card nr.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Exp.date	<input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/>

We will need to phone you to complete your payment processing or you can book online at www.coastms.co.uk

Please return completed booking forms and cheques to CMS, Candle Cottage, Kempsey, Glos GL18 2BU or fax 01531 890415

CIWEM Registered Charity No. 1043409 (England and Wales) and SC038212 (Scotland)

CIWEMVAT No: 460561362