

Managing an Uncertain Future:

Identifying needs and opportunities for sustainable adaptation in catchment management

North Western and North Wales Branch
Rivers and Coastal Group

CIWEM



Date: Tuesday 6th July 2010

Location: Lancaster Environment Centre, Lancaster University, LA1 4YQ

Our first CCN Annual Conference is designed to take forward the debate around catchment management in an uncertain future and identify challenges and opportunities for research to fill current gaps. It's been designed to explore how developments in our understanding of uncertainty across catchment science can influence the response of both policy and practice to future change.

It will summarise key elements of the CCN ongoing Workshop Programme across flood risk, water scarcity and water quality and outline progress on the guidance documentation that each of these areas are producing. Invited presentations will give delegates a unique opportunity to learn how a range of organisations and initiatives demand a knowledge of uncertainty to improve how decisions can be made and help define, evaluate and ensure sustainable adaptation to changing water inputs.

The conference is free to attend with sponsorship from the NERC-funded Catchment Change Network

09.00-09.45 Registration, networking and coffee

09.45-10.00 Chairman's Welcome and Introduction to CCN

10.00-10.20 **Phil Haygarth, Co-Director of the Centre for Sustainable Water Management, Lancaster University**

Future Change and Diffuse Pollution- challenges, gaps and opportunities

10.20-10.40 **Enda O'Connell, Faculty of Science, Agriculture and Engineering, Newcastle University**
Water Resources Assessment in a Changing Climate – moving towards a more risk-based approach

10.40-11.00 **Keith Beven, Lancaster University**
Developing Guidelines for Managing Uncertainty in Flood Risk

11.00-11.15 *Short Q&A Session*

11.15-11.35 Refreshment break

11.35-11.55 **Jim Hall, The UK Adaptation Sub-Committee (ASC) on Climate Change**
Key uncertainties for adaptation decision makers

11.55-12:15 **Robert Willows, Risk & Forecasting Science Manager, Environment Agency**
Compelling evidence plus ambition threatened by uncertainty and denial

12.15-12.30 *Short Q&A Session*

12.30-13.40 Lunch & opportunity to view poster presentations

13.40-14.05 **John Rees, NERC Theme Leader - Natural Hazards**
Challenges in Catchment Science: A Natural Hazard Perspective

- 14.05-14.25 **Martin Furness, Ofwat**
Catchment management in AMP5. The way forward – a Regulator’s view
- 14.25-14.45 **Kieran Conlon, Cascade Consulting**
Emerging themes from water industry AMP5 investigations – where is the supporting scientific evidence?
- 14.45-15.05 **Bob Harris, Demonstration Test Catchment Secretariat**
Demonstration Test Catchments: building our capacity for catchment management
- 15.05-15.20 Refreshment break
- 15.20-16.30 **Plenary Debate - “An industry perspective of research needs – where are the key gaps and how can research fill them?”**
The Plenary will be opened and chaired by **Keith Beven**. A facilitated discussion will follow involving our panel of speakers from throughout the day.
- 16.30 **Close**

Please Note: CIWEM members can claim 6hrs of CPD for attendance at this event. All delegates will be offered CIWEM membership (as Environmental Partner) free of charge for the remainder of 2010.

General Information

This is a **free event** sponsored by the [Catchment Change Network](#), based at the Lancaster Environment Centre.

Registration is available on line via <http://www.lec.lancs.ac.uk/ccnregister>

For all event enquiries, please contact r.alcock@lancaster.ac.uk or 01524 510285

Event Location & Directions

The Environment Centre can be found on the Lancaster University campus, the building is numbered 39 and the entrance is on Library Avenue. At busy times, additional parking is available on Alexandra Park located on south-west campus.

For more detailed directions and parking facilities please refer to the [LEC website](#)



Location: Gordon Manley Building, Lancaster Environment Centre, Lancaster University, LA1 4YQ