



British
Hydrological
Society

BHS National Meeting

Programme and registration form

Ecohydrology/Hydroecology

17th April 2013

University of Birmingham, Edgbaston, B15 2TT

The field of ecohydrology is growing in international prominence. The number of peer reviewed papers and their citations have increased rapidly since the turn of the century. Further, the future strength and vitality of the discipline has been secured both by the growing success of the Ecohydrology journal and the increasing number of undergraduate and postgraduate courses and textbooks that are training the next generation of ecohydrological researchers to tackle some of the most pressing environmental challenges facing society.

This meeting aims to develop the strength, integration and connectivity of the UK based ecohydrology research community. The meeting will focus on ecohydrology in its broadest sense, from aquatic to terrestrial ecosystems, comprising of invited talks from leading UK based ecohydrology experts and an international keynote by the Editor of the Ecohydrology Journal, Prof. Keith Smettem from the University of Western Australia. Presentations will range from the impact of changing hydrological regimes on river based ecological communities to the intrinsic link between hydrological and ecological processes within peatland, dry land and forest environments. There will be ample time to discuss future challenges and research opportunities with colleagues.

Who should attend? The meeting will bring together scientists, engineers, water managers, regulators, consultants and policy-makers from universities, research institutes, the water industry, the Environment Agency and Defra who are at the cutting edge of ecohydrological research within the UK. The meeting will also contribute towards Continuing Professional Development (CPD) requirements.

****Call for posters**** examining exciting research topics in the field of ecohydrology / hydroecology. To present a poster, please email the poster title and the names and institutions of the contributing authors to Dr Nick Kettridge (n.kettridge@bham.ac.uk) by 28th February 2013.

Conveners:

Nick Kettridge and David Hannah

School of Geography, Earth and Environmental Sciences, University of Birmingham

n.kettridge@bham.ac.uk ; d.m.hannah@bham.ac.uk

Programme

0930 Registration and coffee

International Keynote Presentation

1000 Welcome and introduction

1010 **Prof. Keith Smettem (Western Australia)**
Ecohydrology in the 21st Century: Where are we going and what's in the toolkit?

Morning session: Aquatic Ecohydrology/Hydroecology

10:35 **Dr Paul Wood (Loughborough University)**
Macroinvertebrate community response to flow regime and hydromorphological variability

11:00 **Prof. Jon Sadler (University of Birmingham)**
Assessing the vulnerability of animal populations to future changing variability in river flow

1125 Coffee

1200 **Prof. Mike Acreman (Centre for Ecology & Hydrology)**
Environmental flows to deliver the Water Framework Directive

1225 **Dr. Mark Ledger (University of Birmingham)**
Impact of drought on the structure and functioning of stream food webs

1250 Buffet lunch and poster session in Lapworth Museum

Afternoon session: Terrestrial Ecohydrology/Hydroecology

1350 **Prof. David Gowing (Open University)**
Vegetation community dynamics in floodplain meadows

1415 **Prof. Heiko Balzter (Leicester University)**
Remote sensing forest structures and dynamics

1440 **Dr Jon Finch (Centre for Ecology & Hydrology)**
Linkages of carbon and water interactions between the atmosphere and the land surface – an example from bioenergy crops

1505 Coffee and Posters

1530 **Dr Lisa Belyea (Queen Mary, University of London)**
Ecohydrological feedbacks in peatlands

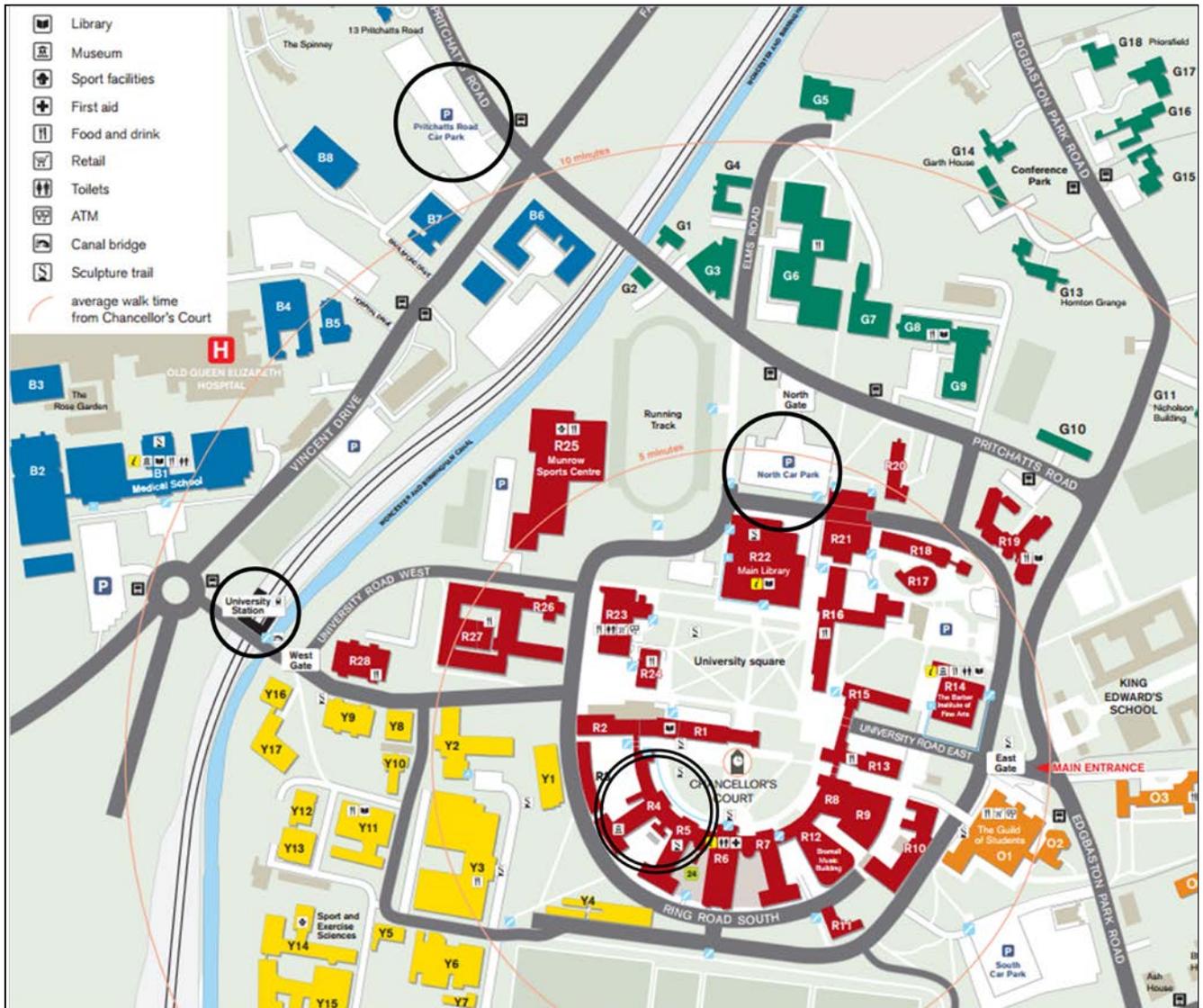
1555 **Prof. John Wainwright (Durham University)**
The limits of ecohydrology in drylands: an ecogeomorphic perspective

1620 Final discussion

1630 Close

Venue

The meeting will be held in lecture theatre WG5 in the Aston Webb Building – A Block (R4 on the attached map, highlighted by the double circle). Trains run from Birmingham New Street to University station (circled) approx every 10 minutes with a journey time of approximately 5 minutes. Visitor pay and display car parking is also available on campus (circled).



Ecohydrology/Hydroecology

17/04/13

REGISTRATION FORM – COMPLETE IN CAPITAL LETTERS PLEASE

Title		Forename	
Surname			
Organisation			
Address			
Postcode		Tel	
e-mail		Fax	

Cost per delegate (includes lunch and refreshments) – please tick

£	BHS member	Student/retired	Non-member*
Registration fee	60	35	85

BHS membership number if applicable: _ _ _ _ _

Method of payment:

I/We enclose a cheque for £_____ made payable to **The BritishHydrological Society.**

Please debit my Mastercard/Visa/** card by £_____

(**delete as applicable – **AMEX is NOT accepted**)

Card No:

Card Expiry Date / Cardholder Name _____

Cardholder's signature

Delegates are invited to contact the meeting organisers, if they wish to advise of any special needs prior to attending the meeting.

The British Hydrological Society is not a profit organisation and the fees charged are for cost recovery only. In order to minimise administration costs, we would be obliged to receive payment in advance. Your remittance will be acknowledged by way of a confirmation letter, with details of registration and location. We regret that no refunds will be available for cancellations, but substitute delegates will be welcome.

*Non-members registering for this meeting at the higher price may have free BHS membership up to the end of 2013, upon completion of a Direct Debit mandate. Do you wish to apply for this? Yes ____ / No ____

BHS is a Registered Charity (No.327488) and is not VAT registered.

For registration queries, please contact

Please complete, post or fax to: Tim Fuller, British Hydrological Society at the Institution of Civil Engineers, One Great George Street, London, SW1P 3AA, fax 0207 799 1325 **to arrive no later than Friday 5th April 2013.** For registration queries, please contact Tim Fuller on 07207 665 2234 or email bhs@ice.org.uk.