4th BHS International Conference
30th August 1St Se[ptember 2016
held at Cranfield University

PROGRAMME

Presentations listed in alphabetical order of first author

Geomorphic changes and hydrological responses to the 2015 'Storm Frank' flood event at a river restoration site on the upper River Dee.
Stephen Addy, Mark Wilkinson and Susan Cooksley

Securing water supply in remote indigenous communities – the challenge for Wilcannia, NSW, Australia.
Amy Bentley

Impact of climate change on urban WASH services.
Richard Opoku Boakye

Meeting increased demand for a growing population through inter-basin transfers: A case study of the Trent Witham Ancholme River Transfer Scheme.
Daniel Burbidge & Jennifer Murphy

Observations and thoughts on water resources research.
Ximing Cai

Quantifying the impact of hedgerows on soil hydrology.
Victoria Coates

Real time modelling of the 2015/2016 UK winter floods.
Juan Duan

The importance of hydrology to future food supply.
David Evans

Sediments in rivers: opportunities for improving our understanding.
Nick Everard

How many 100-year floods before hydrologists lose their credibility?
Duncan Faulkner & Peter Spencer

How to use tape measure, lichens, zirconium and boulders for design flood estimation.
Duncan Faulkner, Sean Lonfield, Mark Macklin, Tim Hunt & Chrissy Mitchell

Penman Lecture:
Managing the water limitation in agriculture under future scenarios.
Elias Fereres

Influence of building density on surface water flooding – insights from a physical modelling environment.
Daniel Green & Ian Pattison

D-Risk, a resilience-building webtool to support irrigated agriculture under conditions for abstraction licensing reform.
David Haro, Ian Holman & Jerry Knox

A trend analysis on the updated UK Benchmark network of river flow stations.
Shaun Harrigan, Terry Marsh, Jamie Hannaford & Katie Muchan

Boxing Day floods 2015: their impact on the canal network, and lessons to learn from the affected communities.....my views and thoughts.
Mark Heath

Effects of climate change on the likelihood of irrigation abstraction restrictions in the UK.
Ian Holman & Lola Rey

Predicting future change in water flows and quality in urbanising catchments.
Mike Hutchins

Natural flood management, channel restoration and sediment quality – observations from a Portland case study.
Victoria Janes, Robert C. Grabowski, Jenny Mant, Deonie Allen, Jennifer L. Morse & Heather Haynes

Using drought indices to assess impacts on UK potato production.
Jerry Knox, David Haro, Ian Holman & Andre Daccache

Drought impacts on river ecology.
Cedric Laize

Improving international management of leakage – the hidden water resource.
Allan Lambert

A soil moisture accounting-procedure with a Richards' equation-based soil texture-dependent parameterization.
Simon Mathias

Flood forecasting and warning in Scotland during the floods of 2015/16.
Richard Maxey, Louise Parry, John Mitchell & Michael Cranston

Prioritising river restoration for multiple benefits at the catchment scale: applying the correct approach considering the potential for geomorphic work.
Hamish Moir

An assessment of property development on the floodplain during the last 100 years.
Ian Pattison

What do you do after a major flood?
Ian Perkins

Innovative means of assessing the relative permeability of a soil type for inclusion in a small catchment flood study.
David Price & Elmar Torenga

The impact of macropores on heavy metal retention in sustainable drainage systems.
Ruth Quinn

Residential hydrology: comparing the rainfall runoff behaviour of two residential catchments in north Swindon.
Tom Redfern

Multi-scale climate control on groundwater risk: a synthesis.
W. Rust, I. Holman, R. Corstanje, J. Bloomfield & M. Cuthbert

Analysing hydropower production in stressed river basins within the SEEA-W approach. The Jucar River case.
Abel Solera, M. Pedro-Monzonis, J, Andreu and T.Estrela

The floods of December 2015 in northern England.
Peter Spencer, David Linsay, Guy Dixon & Matthew Parkes

Fingerprinting sediment in a strongly urbanized catchment with IR spectrometry.
Kim Vercruysse, Robert Grabowski & Tim Hess

Water transfer for public water supply via the CRT canal network.
Mat Wells & Helen Davis

The opportunities and constraints of river restoration from a water company perspective.
Simon Whitton & Di Hammond

Fast 2D flood simulations and risk assessment.
Yuntao Wang, Guangtao Fu, Albert S. Chen, Mike Gibson, lobodan Djordjevic, Chi Zhang & Dragan A. Savic