

Catchments, Connectivity and avoiding Catastrophes

Freshwater Biological Association
Annual Scientific Meeting, Wednesday, 11 May 2016

PROGRAMME

Theme: *Enhancing and restoring freshwater catchment processes and services*

09:30 – 11:00	Registration and Coffee
10:00 – 11:00	Student session – to meet and discuss relevant areas of interest

Morning: *Catchments – understanding functionality, connectivity and complexity*

Chair: *Fiona Bowles, FBA Council Member*

11:15 – 11:30	Opening Remarks: Bill Brierley, FBA Chief Executive
11:30 – 12:00	Keynote Speech: A perspective on our current understanding of managing catchments Louise Heathwaite: Chief Scientific Adviser Rural Affairs, Food and the Environment, Scottish Government and Professor of Land and Water Science, Lancaster Environment Centre, Lancaster University
12:00 – 12:20	Managing the Lake District National Park; multiple outcomes, partnerships and evidence Liam McAleese: Head of Strategy and Partnerships Lake District National Park Authority
12:20 – 12:40	It's all connected - catchments as complex systems; how much do we need to understand before we intervene? Bob Harris: University of Sheffield
12:40 – 13:00	Evidence and measures: Making use of the wealth of existing information and local knowledge to generate evidence-based measures Paul Hulme: Evidence & Measures Team pjHydro
13:00 – 14:00	Lunch followed by Student Poster Competition: Judges - Stephen Maberly and Jonathan Grey

Afternoon: *Catchments – what levels of evidence, monitoring and assessment do we need and how vital is openly available data?*

Chair: *Paul Raven, FBA Honorary Research Fellow*

14:00 – 14:30	Keynote Speech: New windows on the environment Doug Wilson: Director of Scientific and Evidence Services Environment Agency
14:30 – 14:50	Ecological assessment in the environment agencies - past, present and future Roger Owen: Head of Ecology Scottish Environment Protection Agency
14:50 – 15:10	Biomonitoring – the role of recorders in studying rare taxa Ian Wallace: FBA Honorary Research Fellow
15:10 – 15:30	Invertebrate Status Reviews Jon Webb: Senior Invertebrate Specialist Natural England
15:30 – 15:50	Recording riverflies - harnessing people power Craig Macadam: Conservation Director Buglife
15:50 – 16:10	Coffee
16:10 – 16:30	eDNA as a tool for efficient biodiversity monitoring – from rare species to communities Bernd Hänfling: University of Hull
16:30 – 16:50	The power of digital archiving and linked open data Mike Haft: Data and Information Development Manager FBA
16:50 – 17:10	Evidencing to enable change, our Achilles heel? John Malley: National Trust Water Advisor, North Region National Trust
17:10 – 17:30	Catchments, connectivity and CEH lake research in Cumbria Stephen Maberly: Lake Ecosystems Group Centre for Ecology and Hydrology, Lancaster Environment Centre
17:30 – 17:45	Summing up – Drawing together strands of the day Geoff Bateman: FBA Council, Chair
18:15 – 19:30	Evening Reception: Boat trip on Windermere