



Early Career
Hydrogeologists'
Network



Early Career Hydrogeologists' Conference 2015

8-9th July 2015

Newcastle University

Hydrogeology may be underground but it's not out of sight and a new generation hydrogeologists will be tackling a new set of problems including: fracking, nuclear waste storage, groundwater flooding, increasing demand on water resources, the impact of climate change, and new pollution risks.

WHO SHOULD ATTEND?

This two-day conference provides an opportunity for hydrogeologists in the first few years of their career or undertaking a PhD to present their work to their peers via posters and to make valuable contacts at the conference dinner and during the field visit on the second day. The conference, which will be CPD approved, will be hosted by Newcastle University.

PROGRAMME

	Day 1, 8 th July – Afternoon
12.00	Arrival and coffee
13.00	Poster session and company stands
16.15 to 17.00	Invited Speaker: Dr Marco Bianchi, British Geological Survey Does geology matter? Constraining groundwater flow and transport models with geological information.
19.00	Conference dinner
	Day 2, 9 th July – Morning
8.15 to 13.00	Training session: Drilling, testing and monitoring boreholes Visit to Newcastle University's field site <ul style="list-style-type: none"> • Run a short step pumping test • Demonstration of drilling methods/equipment by Drilcorp • Demonstration of sampling and monitoring equipment by In-situ/Waterra • Demonstration of borehole geophysics by European Geophysical Services
13.00	Lunch
	Day 2, 9 th July – Afternoon
14.00	Invited Speaker: Prof Paul Younger, Rankine Chair of Engineering, University of Glasgow Where are hydrogeological careers heading in the low-carbon economy?
15.00	Close

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INVITED SPEAKERS

Prof Paul Younger (FREng, FGS, C.Geol, FNEIMME, FICE, FIChemE, C.Sci, C.Eng) is Rankine Chair of Engineering and Professor of Energy Engineering at the University of Glasgow. His current research is focused in the energy sector but he has had a varied career ranging from early days in pure science (principally geology), through water resources and environmental engineering (especially groundwater engineering), on through mining environmental engineering to energy engineering. Persistent threads running through his research include quantitative geoscience, numerical modelling of fluid flow and reactive mass transfer, and the translation of high-level conceptual principles into hands-on engineering solutions. He also serves as Chair of the Global Scientific Committee of the Planck Earth Institute, an international NGO which aims to promote collaboration in science-based projects that further the cause of sustainable development in the countries of the Global South.

Dr Marco Bianchi is a Research Fellow at British Geological Survey. His research is focused on the characterisation of heterogeneity in geological media related to fluid flow and solute transport. From July 2011 to September 2014, he was a post-doc at Lawrence Berkeley National Laboratory (USA) working on projects to assess the environmental impact of CCS in shallow aquifers. He received a Ph.D. degree in Geology at the University of Alabama (USA) in 2010. His Ph.D. research focused on studying the effect of connectivity of permeable sediments on solute transport in a heterogeneous alluvial aquifer.

CALL FOR ABSTRACTS

If you'd like to present a poster (and we would encourage as many people as possible to do so) please send an abstract of <200 words to crja@bgs.ac.uk in a message entitled "EHC 2015" giving a title, authors, and names of collaborators.

The deadline for abstract submission has been extended to 26th June 2015. We will let you know if your poster has been accepted within a week of submission.

COSTS AND REGISTRATION

Conference fees are £20 for IAH or Geol Soc members and £30 for non-members (early bird rate) or £40 (after 31st May 2015) for IAH or Geol Soc members and £50 for non-members.

The conference fee covers everything except lunch on the first day, travel and accommodation. We have reserved a number of en-suite rooms at Northumbria University for the night of the 8th (£42 per person), and if you would like to stay there then we can provide further details.

The registration deadline has been extended to 26th June 2015.

Further details about the event will appear shortly on the web pages of the Hydrogeological Group of the Geological Society (www.geolsoc.org.uk/hydro) and International Association of Hydrogeologists, British Chapter (www.iah-british.org).

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CONVENORS

- Vicky Finch (Atkins Global, vicky.finch@atkinsglobal.com)
- Paul Hulme (pjHydro, paul.hulme@pjhydro.co.uk)
- Chris Jackson (British Geological Survey, crja@bgs.ac.uk)
- Lindsay McMillan (University of Birmingham, lam906@bham.ac.uk)
- Geoff Parkin (Newcastle University, geoff.parkin@ncl.ac.uk)
- Zoe Pattinson (Worley Parsons, Zoe.Pattinson@WorleyParsons.com)
- David Walker (Newcastle University, D.W.Walker1@newcastle.ac.uk)

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EARLY CAREER HYDROGEOLOGISTS' CONFERENCE 2015

8-9TH JULY 2015

BOOKING FORM

Conference Fees		
	IAH and Geological Society members	Non-members
Early bird rate (payment received on or before the 31 st May 2015)	£20	£30
Standard rate (payment received after the 31 st May 2015)	£40	£50

To register please fill in and email this booking form to crja@bgs.ac.uk, and then send a cheque made payable to the "Hydrogeological Group of the Geological Society" to:

Sally Stone
British Geological Survey
Environmental Science Centre
Keyworth
Nottingham
NG12 5GG
sallybgs1@bgs.ac.uk

Your name	Organisation
Email address	Cheque enclosed for (state amount)
Your area(s) of interest	Topic of your poster (if applicable)
Do you have any special dietary requirements or other needs that we can help with?	

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