



Health and Hydrogeology: *understanding the impact of groundwater on people*



The
Geological
Society

Wednesday 7 November 2012
Burlington House, Piccadilly, London, W1J 0BG



A one day conference organised by the Hydrogeological Group of the Geological Society

Incorporates the 2012 National Ground Water Association (USA) Darcy Lecture
given by Professor S. Majid Hassanizadeh, Utrecht University

Cost

£65 for Fellows of the Geological Society and Royal Society of Chemistry
£95 for non-Fellows, £40 for students.
Buffet lunch and refreshments provided.

In association with:

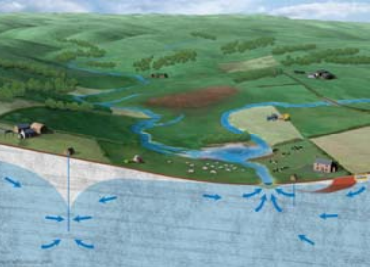
Royal Society of Chemistry Environmental Chemistry Group

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Contact us

For booking queries contact: Conference Office (steve.whalley@geolsoc.org.uk)
For general event queries contact: Louise Dow (louise@terrafirmawales.co.uk)

Full details and to book visit: www.geolsoc.org.uk/darcy12



Groundwater is a vital resource, providing drinking water for over a billion people worldwide. It can also provide a pathway for contaminants to migrate which harm human health. This conference brings together leading academics, regulators and consultants to discuss known and emerging groundwater pollutants and the potential implication for human health in the UK and beyond.

Programme

09:30 Registration and refreshments

10:20 Welcome & introduction

10:30 Emerging groundwater pollutants –
Marianne Stuart (British Geological Survey)

10:55 Radon in drilled bedrock wells in Norway –
Bjorn Frengstad (Geological Survey of Norway)

11:20 Hydrogeology and health: a study of private wells in
Ireland – *Bruce Misstear (Trinity College Dublin)*

11:45 Assessing the impact of chlorinated solvents on
human health – *Dan Jeffries (Atkins)*

12:10 Lunch

13:10 Health impacts from rising groundwater levels in
Riyadh – *Jane Dottridge (Mott MacDonald)*

13:35 Geothermal arsenic in Nicaragua: an integrated
hydrogeological and epidemiological analysis of a
public health crisis – *Emma Everard (Atkins) &
Liz Buchanan (Amec)*

14:00 Potential risk of public water supplies from
increasing trends of metaldehyde in the chalk
aquifer – *Dr Ilias Kapranos (Veolia Water)*

14:25 Groundwater safeguard zones –
Tim Besien (Environment Agency)

14:50 Afternoon refreshments

15:20 Darcy Lecture 2012*: Transport of viruses in partially
saturated soil and groundwater –
Professor S. Majid Hassanizadeh (Utrecht University)

16:15 Discussion session

16:30 Meeting closes

Booking information

£65 for Fellows of the Geological Society and Royal
Society of Chemistry,

£95 for non-Fellows.

£45 for students.

Price includes buffet lunch and morning and afternoon
refreshments. To book your place please visit:

www.geolsoc.org.uk/darcy12

*Attendance at the Darcy lecture alone is free, but pre-
registration is required. See the website for details.

Who will benefit from this seminar?

- Environmental Regulators
- Environmental Consultants
- Water companies
- Remediation contractors
- Research and academic institutions
- Local and Central Government

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