



The science and regulation behind fracking



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The science and regulation behind hydraulic fracturing and shale gas exploitation

The United States has seen an increase in the natural gas extracted from unconventional sources such as shale. This has led to increased employment and lower gas prices. Critics argue that ‘fracking’ has caused poor air quality, groundwater contamination and an increase in noise and vibration.

With the UK Government’s recent announcement that local authorities can benefit from financial incentives for extraction in their areas, fracking has again made the headlines. However local opposition may not allow fracking to take place.

This one day seminar looks at the science and regulation behind hydraulic fracturing, looks at Scotland’s shale gas resource, hears what lessons we should learn from the States as well as looking at the environmental impacts.

For the Attention of REHIS members –
Participation in this event carries a maximum value of 4.5 hours (core activity) for the REHIS Scheme of Continuing Professional Development.

Who should attend

- Elected officials
- Heads of services
- Environmental Health Officers
- Researchers
- Consultancies
- Students

Working towards a cleaner, quieter, healthier, sustainable Scotland

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Programme

09:15	Registration / Tea and coffee
09:50	Welcome and Introduction Chair To Be Confirmed
Session 1	
10:00	The potential shale gas reserve in Scotland Hugh F Barron, British Geological Survey
10:30	Controlling the environmental impact of fracking: an overview Dr Mark Broomfield, Ricardo-AEA
11:00	Question and answer session
11:15	Tea and coffee
Session 2	
11:30	The geoscience and engineering of fracking Prof Richard Davies, University of Durham
12:00	The regulatory framework Emma Taylor, SEPA
12:30	Question and answer session
12:45	Lunch
Session 3	
13:30	Fracking and air quality – lessons from America Dr Robert Field, University of Wyoming
14:00	Noise and vibration from the fracking process Colin O'Connor, AECOM
14:30	The hydrogeology of fracking and water quality Gareth Digges La Touche, Golder Associates
15:00	Tea and coffee
15:15	All panel question & answer session
15:45	Summary
16:00	Close



The science and regulation behind fracking Conference registration form

Registration fees	Local Authority	Corporate	HE & FE institutions	Individual
EPS Affiliate / Member	£100 (+VAT)	£150 (+VAT)	£150 (+VAT)	£140 (+VAT)
Non-members	£200 (+VAT)			
Students*	£30 (incl. VAT)			

Registration includes morning refreshments and buffet lunch. * With valid student ID e.g. matric card.

Please register the following delegates:

Name:

E-mail:

Name:

E-mail:

Name:

E-mail:

Appointing organisation:

Company / Organisation:

I enclose a cheque for £ _____ made payable to **Environmental Protection Scotland**

Please invoice me for £ _____ quoting order number: _____

Signed:

Position:

Telephone:

E-mail:

Invoice address:

Please complete the form return to:

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We would like to contact delegates attending this event in future for further events we do. If you DO NOT want your name added to our mailing list please tick here: