REGISTRATION and CALL FOR ABSTRACTS

GROUNDWATER RECHARGE ASSESSMENT

Are we any closer to an answer?

Wednesday 20 and Thursday 21 May 2009

University of East Anglia, Norwich, UK

Estimates of groundwater recharge are essential for water resource assessments, inputs to regional groundwater models and predictions of climate change. Worldwide, the range of hydrogeological conditions encountered will significantly influence the recharge process. Other than in situations where the soil lies directly above a permeable aquifer and recharge from the soil zone moves directly into the aquifer, for the majority of aquifers the magnitude and timing of the recharge is altered by geological complexity and climatic conditions. Past understanding of recharge processes has been obtained from fieldwork, including the use of tracers and measurements of hydraulic conditions in the unsaturated zone. Equally, to obtain catchment-wide recharge estimates over long time periods, conceptual models, for example based on the soil moisture balance approach adapted for urban and rural areas, with associated numerical models, are commonly employed using available hydrometeorological, hydrochemical and hydrograph data.

This meeting will consider recent progress in measuring and understanding recharge processes in a range of hydrogeological environments under both current and future climatic conditions. A number of influential researchers from the UK hydrogeological community will give presentations to provide an overview and focus for this meeting. The keynote speakers and topics include:

Prof. Mike Edmunds (University of Oxford)	Recharge processes in semi-arid areas
Prof. David Lerner (University of Sheffield)	Recharge in urban areas
Dr Richard Taylor (University College London)	Evaluation of recharge conditions in Africa
Prof. Rae Mackay (University of Birmingham)	Understanding recharge through glacial deposits
Dr Victor Bense (University of East Anglia)	Application of geothermal gradients in resolving recharge conditions
Dr Kevin Hiscock (University of East Anglia)	Climate change impacts on groundwater recharge
Dr Richard Ingram (Entec UK Ltd)	Application of noble gases in assessing groundwater recharge conditions
Mr Jan Van Wonderen (Mott MacDonald)	Soil moisture dynamics and impacts on recharge
Dr Mike Price (Water Management Consultants)	Water level response to rainfall and implications for Chalk aquifer recharge pathways
Mr Martin Best (UK Met Office)	MOSES recharge calculation system

The final programme and presentation schedule will be provided to all registered attendees and listed on the Geological Society of London website: http://www.geolsoc.org.uk

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Wednesday 20 and Thursday 21 May 2009, UEA, Norwich, UK

Name: _____

Address: _____

_____

Tel. _____ Fax _____

E-mail _____

To contribute a presentation (if applicable) and register for this two-day meeting, please complete and return the following form with your remittance:

☐ I have e-mailed an abstract (<300 words) to Rosie Cullington (r.cullington@uea.ac.uk) for oral or poster presentation. Submission of abstracts from academia and industry alike across the disciplines of hydrogeology, hydrology, soil science and groundwater modelling are all invited

☐ Following the meeting, I am interested in writing a paper for a theme issue of the *Quarterly Journal of Engineering Geology and Hydrogeology*

I will/will not* attend the Meeting on Wednesday, 20 May 2009

I will/will not* attend the Meeting on Thursday, 21 May 2009

I will/will not* attend the Reception and Evening Meal on Wednesday, 20 May 2009

I will/will not* require bed and breakfast accommodation (B&B) on Wednesday, 20 May 2009

*Please delete as appropriate

Registration fees:

Meeting registration fees including teas/coffees/lunches:

Member of the Geological Society of London: £80.00
Non-member of the Geological Society of London: £140.00
Postgraduate student: £40.00

Reception and Evening Meal on Wednesday, 20 May: £25.00

B&B accommodation (en-suite university guest rooms) available on a first come, first served basis:
£54.00 per night (single); £67.00 per night (twin or double)
(Alternatively, a list of accommodation in the proximity of UEA can be supplied by contacting Rosie Cullington)

I enclose total payment of £_____

Please e-mail your abstract (if applicable) and post your completed registration form with remittance (payable by credit card or bank transfer (please contact Rosie Cullington for details) or sterling cheque payable to The University of East Anglia) by **2 March 2009** to:

Ms Rosie Cullington (r.cullington@uea.ac.uk)
School of Environmental Sciences, University of East Anglia, Norwich NR4 7TJ, United Kingdom
Tel. +44 1603 592560; Fax +44 1603 591327

A receipt will be issued upon payment

Organisers:

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