<u>What's New in Hydrogeology? Post-graduate Poster Meeting, UCL 18th Feb</u> <u>Poster titles</u>

Where can Research Go? Nigel Hoad, Environment Agency (Thames Region)

Theme: Hydrogeology & Groundwater resources

Groundwater flooding in fractured permeable aquifers Andrew Ireson, Imperial College London

Modelling of pore water pressure variation within a railway embankment in response to climate

Kevin Briggs, University of Southampton

Predicting climate change effects on Chalk groundwater sources in SE England - a new proposed approach Dulcie Chan, Mott MacDonald Ltd

Dissolved noble gases and stable isotopes as tracers of groundwater dynamics in the Lower Rhine Embayment, Germany. Lee Gumm, UEA

Investigating the Feasibility of Using 'Reclaimed Water' for Aquifer Recharge Gemma Russell, UCL

The Geomorphological and Hydrogeological Exploration of Potential Relict Channel Aquifers in South West Uganda J.G. Bradley, UCL

Investigating ground- and surface-water interactions in hydrogeologically heterogeneous settings: interplay of reach and channel unit scales of control on flows and hydrochemistry in the riverbed

T. Ibrahim, University of Sheffield

The application of ASR for the development of groundwater resources in the Khon Kaen District, Thailand Mahippong Worakul, UEA

Assessing the impact of climate change on shallow groundwater resources in Bangladesh: extrapolation of recent trends M. Shamsudduha, UCL

Hydrostratigraphical analysis of the fluvio-deltaic aquifer system in eastern Bengal Basin M A Hoque, UCL

The physical interface sustaining the groundwater - surface water interactions in the Victoria Nile basin of Uganda Michael Owor, UCL

Theme: Chemical and contaminant hydrogeology

Spatial variability of hydraulic parameters in the Sabre Research Cell Rachel White, British Geological Survey

Relating wetting variability to NAPL distribution and remediation in consolidated aquifers John Heneghan, University of Sheffield

Catchment-Scale Contamination in the Chalk Aquifer of SE England: a 'streamtube' approach to modelling contaminant transport in a dual-porosity, karstic aquifer Ciara Fitzpatrick, UCL

Investigating and Modelling Contaminant Transport in the Karstic Chalk Aquifer Simon Cook, UCL

Fluorescent Imaging of Permeable Reactive Barriers for Remediation of Radionuclide Contaminated Groundwater Rebecca Fraser, University of Sheffield

Experimental Evaluation of Trichlorofluoroethene as a Potential Tracer to Characterise Organic Contaminant Transport in Groundwater G L Barns, University of Sheffield

Anaerobic Phenol Degradation within a Phenol-Contaminated Deep Sandstone Aquifer Kieran Baker, University of Sheffield

Mineralogical sources for F leaching to groundwater in a Precambrian gneissic catchment, Hyderabad, India Bethan Hallett, UCL

Real-time observation of DNAPL TCE migration through a chalk fracture using positron emission tomography Nicola J. King, University of Birmingham

Laboratory and field studies assessing the natural attenuation of pesticides in groundwater Emma Mallinson, University of Sheffield

Hydrogeochemical conditions of the alluvial aquifer in the Mouria area, SW Greece Elias Karapanos, University of Patras