

Groundwater and Extreme Events

Burlington House, December 2nd 2008

Programme

10:00 Introduction

10:10 The Impact of Climate and Landuse Change on Groundwater Flooding. *B Rabb*

10:30 Investigation into the Potential Impacts of Climate Change on Groundwater Extremes for a 'Model' Chalk Catchment. *A Butler*

10:50 Modelling groundwater flooding: Is good enough good enough or grounds for complacency? *A Hughes*

11:10 Coffee

11:40 Groundwater flooding in the Chalk: The role of the unsaturated zone. *A Ireson*

12:00 The unsaturated zone of the Chalk, the key to the aquifers response to extreme events. *A Gallagher*

12:20 An early warning system for groundwater flooding in the Chalk. *B Adams*

12:40 Analysis & modelling of groundwater floods in fractured Chalk following extreme rainfall events. *D Thiery*

13:00-14:00 Lunch and AGM of the Hydrogeology Group of the Geological Society

14:00 Groundwater and flooding in Oxford. *D Macdonald*

14:20 Groundwater flooding experience, Thames region Winter 2000/01. *A Hawksley*

14:40 A Probabilistic Groundwater Flood Map for the Unconfined Chalk Aquifer. *M Zaidman*

15:00 Mechanisms and indicators of groundwater flooding in the Lincolnshire Chalk: a case study following extreme rainfall in summer 2007. *R Ingram*

15:20 Tea

15:50 The effect of recovery from drought on Chalk groundwater quality. *G Darling*

16:10 Groundwater level forecasting during drought periods. *J Glover*

16:30 Development of methods for drought prediction and planning for South East Water. *B von Christierson*

16:50 Close

Abstracts available from the link at:

<http://www.geolsoc.org.uk/gsl/groups/specialist/hydro/page4132.html>