



Hydrogeology Meets Hydroecology

Burlington House, May 22nd 2008



Provisional Programme

09:15 Registration and Coffee

10:00 Introduction

10:10 Nitrogen transport and transformation at the groundwater – surface water interface – How important is the Hyporheic Zone? *S. Krause*

10:30 The shallow biogeochemically active hyporheic zone: nitrate sink but a methane source. *M. Trimmer*

10:50 The dispersal and deposition of plant propagules in groundwater-fed rivers: linking hydrology and ecology. *H. Moggridge*

11:10 Coffee

11:40 A study of the hypogean fauna in England and Wales. *J. Smith*

12:00 The response of aquatic invertebrates to hydrological extremes in riverine epikarst. *R. Stubbington*

12:20 WFD Groundwater body status classification: it's the ecology, stupid! *T. Besien*

12:40 Significant Damage to Groundwater-dependent Terrestrial Ecosystems: Good Regulation or Lack of Information? *M. Whiteman*

13:00-14:00 Lunch

14:00 Flow accretion profiling as a method of hydrological characterisation of wetlands in permeable catchments. *H. Musgrave*

14:20 The Wetland Water Balance: Linking Hydrogeological Processes to Ecological Effects. *D. Ross*

14:40 Balancing hydro-ecological needs with sustainable groundwater abstraction: Anglian Region's Framework for Managing Groundwater Resources. *A. Brooks*

15:00 Does 10 cm Matter? –Significance of Groundwater Table Change to GWDTE. *J. van Wonderen*

15:20-15:50 Tea

15:50 The eco-hydrology of wet dune slacks: experience from Winterton Dunes, Norfolk. *K. Hiscock*

16:10 A Hydrogeological Study of Hatfield Moor Special Protection Area. *C Jones*

16:30 Development of a high-resolution conceptual hydroecological understanding of an internationally recognised fen wetland – Cors Bodeilio, Anglesey, Wales. *P. Jones*

16:50 The use of geostatistical mapping in the hydroecological assessment of abstraction pressures on the vegetation of three groundwater dependant terrestrial ecosystem sites of special scientific interest. *S. James*

17:10 Presentation of Whitaker Medal

17:30 Wine reception