

Monday 24th May 2010, 2-5 pm at Burlington House

Workshop: The hydrogeology of the London Basin

To plan hydrogeological contributions to the London Basin Forum

The London Basin Forum (<http://www.bgs.ac.uk/londonBasinForum/>) arose from the 9th Glossop Lecture given in 6 November 2008 by Michael de Freitas in which he illustrated evidence that suggests that the London Basin is compartmentalised by steeply dipping faults. These faults seem to originate from the basement, and are probably associated with reactivation of the Variscan Front beneath London. They resulted in pull-apart basins and other structures operating during the latter part of the Mesozoic and into the Cainozoic, with profound implications for the nature and the hydrogeological characteristics of the sediments in the basin. The LBF is planning to compile a **Geological Atlas of the London Basin**, for publication in 2014, which will include *The Hydrogeology of the London Basin* as one of its themes. The workshop is convened by the Hydrogeological Group of the Geological Society to discuss desirable hydrogeological contributions to the Atlas.

An outline programme is attached (also in text below). Following a series of 'contribution statements' from key individuals with insights and experience of London Basin hydrogeology, there will be open discussion of the structure, format and presentation of desirable hydrogeological elements for the Atlas. *Additional contributions could be accommodated. If you would like to make a contribution to the workshop, please email william.burgess@ucl.ac.uk with a brief description of the content, before 14th May.*

To pre-register attendance, send an email entitled 'Hydrogeology of the London Basin' to william.burgess@ucl.ac.uk, indicating name, affiliation and Geological Society membership. No payment is required, but please pre-register by 14th May to facilitate catering.

Outline Programme

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| 1.30 | Registration <i>see pre-registration details below</i> |
| 2.00 | Welcome and Introduction to the London Basin Forum
William Burgess (Convenor) & Michael de Freitas (Chairman, LBF) |
| 2.10 | Workshop contribution statements (5 minutes + 5 minutes discussion)
John Bloomfield, BGS
Nigel Hoad, EA Thames Region
Rob Sage, 3 Valleys Water
Mike Jones, Thames Water
Charles Jones, Mott-MacDonald
Steve Buss, ESI
Sebastian Fisher, WJ Groundwater Ltd.
Others – by arrangement (see call for interest) |
| 3.15 – 3.45 | Tea |
| 3.45 | Open discussion (Chair: WGB) |
| 4.45 | Summary statements, and outline of future plans |

Convenor: William Burgess (Chair: Hydrogeological Group Committee)