



The
Geological
Society

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Speakers:

Martin Preene

Preene Groundwater
Consulting Ltd

Toby Roberts

WJ Groundwater

and

Emilio Linde-Arias

OTB Engineering Ltd

Date:

**Tuesday 16th
February 2016**

Details:

**Tea / coffee:
17:30**

Meeting

Commences:

18:00

Location:

Burlington House

Free to attend.

**Registration not
required.**

For further information
and registration, please
contact:

Event Convenor: Ursula
Lawrence

email:

Ursula.Lawrence@capita.co.uk

Groundwater Control in Urban Areas

A Joint evening meeting between the Engineering Group of the Geological Society (EGGS) and the British Geotechnical Association (BGA)

Synopsis

Underground infrastructure developments in urban areas often require control of groundwater in increasingly restricted locations resulting in innovative solutions. The three speakers explore this theme using recent dewatering projects in the London Basin.

Martin Preene begins by summarising the issues involved and the potential impacts arising from the interaction of dewatering and urban environments.

Toby Roberts will focus on dewatering and depressurisation strategies used to target the Lambeth Group channel sands for tunnel works in London.

Emilio Linde-Arias describes a recent project from the east end of London. In order to construct two shafts, one permanent and one temporary, dewatering of the Lambeth Group and the Deep Aquifer was required both from the surface and from within the shafts.

