



**The
Geological
Society**

servicing science & profession

South East Regional Group

Meeting

Date: 10 January 2017

Location: Capita House, East Grinstead, 18.00 for 18.30 start

To acknowledge the start of 2017 as the Geological Society's Year of Risk, we are delighted to welcome Dr Chris Menkiti to talk to us about...



Tunnelling Ground Risks – A Clients Perspective

Preceded by the SERG AGM

Tunnelling projects are associated with a wide range of geotechnical risks. The potential to cause harm linked to these risks also vary quite widely, as do the likelihood of occurrence. For successful projects, all significant risks need to be carefully and appropriately identified, assessed, mitigated, managed, communicated and transferred. Individual geotechnical risks can best be mitigated at different stages of the works by a combination of actions by the Client/ Owner, the Designer or the Contractors. Collaborative working and good communication between all parties concerned is important to ensure a successful outcome. Using a backdrop of the Crossrail Project and other interesting international case histories, Dr Menkiti will discuss some of the geotechnical risks associated with tunnelling activities in dense urban environments and how they usually mitigated or managed. Important lessons learned will be drawn out and successful strategies highlighted.



Crossrail Farringdon Station Platform Tunnels (UK)



Tunnel collapse and in-filling, leading to flooding of access shaft (Poland)



Speaker:

Dr Menkiti is a Senior Partner, Geotechnical Consulting Group has over 30 years experience in Geotechnical Engineering. He has provided specialist geotechnical advice on a wide range of jobs and large scale infrastructure projects – in the planning, design, construction and dispute resolution phases. The range of structures he has been involved in includes retaining walls, deep excavations, earthworks, slopes, sewage plants, pipelines, bridges, highways, embankments, petrochemical offshore facilities, land reclamation, ground improvement, power stations and machine foundations. Important international projects that Dr Menkiti has worked on are, the Jubilee Line Extension Project, Rome Metro C Extension, Amsterdam North–South Metro, Dublin Port Tunnel, Dublin Metro North, 96th Street Subway New York, Warsaw Metro Line 2, London Underground Tunnels, The Crossrail Project, Silvertown Tunnel, HS2 and Crossrail 2. He has worked on the side of Owners, Designers, Contractors and third parties affected by the works. Dr Menkiti has also given technical advice to barristers and solicitors in legal cases involving ground engineering and is the author of about 40 published papers.

LOCATION: 1st Floor, Capita House, Wood Street, East Grinstead RH19 1UU

The event is kindly sponsored by

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