

Early Career Members Event

1st December 2015 at 6.30 pm

WSP House,

70 Chancery Lane, London WC2A 1AF

Data to Information on Ground Engineering Projects:

How to Minimise the Risk of Failure

Angus Maxwell

(Chief Executive, Maxwell Geosystems Ltd)

&

Anmol Bedi

(Director, Bedi Consulting)

The BGA are pleased to invite you to December's Early Career Group event. The event will focus on data and the ways in which poor communication of data can be a risk to a project. The talk will provide guidance for geotechnical engineers and engineering geologists on ways this can be improved and in particular how data can be turned into information to support real time control of construction works in both formal and informal applications of observational engineering. The talk will discuss risk and uncertainty in geotechnical engineering and demonstrate how technology can aid effective analysis and response to unexpected movements in ground and structure and mitigate project risks. The event is expected to be beneficial to both designers and constructors and will be followed by an opportunity for networking and drinks.



Dr Angus Maxwell BSc, PhD, CGeol, FGS is the founding Director of Maxwell Geosystems Ltd. providing data management systems and geotechnical consultancy services to the construction industry globally. He is a Chartered Engineering Geologist with twenty five years of experience in geotechnical design and construction working on major projects in the UK, Europe, Australia, Singapore and Hong Kong. During the last 25 years he has monitored over 250km of tunnel using a variety of techniques, 100km of road construction in cutting and embankment, over 50 shafts and over 200 sq. km of reclamation and land formation. He has lectured on Tunnelling and Underground space on the Hong Kong University MSc course on Applied Geosciences. He is immediate past Chairman of the Association of Geotechnical Specialists Hong Kong and a current member of the Tunnelling and Underground Construction Society Singapore.



Dr Anmol Bedi Anmol Bedi is a chartered engineer with over 13 years' experience in the design and construction of tunnels and underground structures with a recent focus on SCL tunnelling. Anmol's experience includes advising on design and construction related issues for complex SCL tunnelling projects in London, including: Crossrail C121, Bond St Station & Victoria Station Upgrade, amongst others. In 2013, Anmol was awarded a PhD from Imperial College London, he holds an MSc in Mining Geomechanics from the Western Australian School of Mines, and a BEng in Civil Engineering from the University of Wollongong, Australia. Anmol is recently the senior SCL Engineer on Victoria Station Upgrade and has been involved on the project for 9

years, from early age conception through construction.

Please register online at: <https://www.ice.org.uk/events/minimise-the-risk-of-failure>

For any queries or further info contact : bga-ecg@britishgeotech.org.uk