



Midland Geotechnical Society Meeting Notice

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Contact Us

Honorary Secretary: Scott O'Neill

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Tel: 0121 214 8194

Meeting Venue

Lectures start 7pm

Arup Campus

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Refreshments are available prior to
the meeting in the Shell lounge,
Department of Mechanical and Civil
Engineering, from 6:15 onwards.

Tuesday 18th July 2017

SURVEY & MANAGEMENT OF EARTHQUAKE INDUCED LANDSLIDES IN NEPAL

Steve Revill

Synopsis

As a consequence of the 2015 Gorkha Earthquake, the central region of the Nepalese Himalaya suffered from earthquake induced landslides that affected many settlements. Initially, in the order of 600 communities in 15 districts were identified as being at risk and a rapid geological assessment was undertaken by the Department of Mines and Geology (DMG) at 117 locations in the period immediately following the earthquake. Following that initial assessment, the newly formed National Reconstruction Authority (NRA) then developed a methodology and programme for undertaking a geo-hazard assessment of the remaining affected settlements. The purpose of the survey was to assist the NRA and other government agencies to make decisions on the requirement for permanent relocation of settlements and assessing the feasibility of initiating remedial works and/or risk management regimes. The talk focuses on the survey methodology, how it was undertaken, some of the findings and how the data might be used as part of a wider landslide risk management strategy for Nepal.

About Our Speaker

Since graduating in the early 1990s, Steve has had a varied career working both as a designer and contractor in the UK and overseas. A geotechnical engineer by training, he started out working for Laing Technology Group primarily on ground investigations for highway improvement schemes and providing technical construction support. He joined Atkins in 2003 and was engaged mainly as a geotechnical designer and package manager on infrastructure schemes - his last role with Atkins was Practice Manager for the Scotland geotechnical team and was the Atkins Technical Authority for Mining Legacy. Steve spent three years working as a consultant in Indonesia and has been based in Nepal since July 2016, countries where dealing with geo-hazards plays a big part of daily life. He recently started teaching at Tribhuvan University in Kathmandu.

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