



The Geological Society



ice
Institution of Civil Engineers

Date: 14 October 2014

A Joint SERG, EGGS and ICE Meeting

Location: Atkins, Woodcote Grove,
Epsom.

Time: 18:00 for 18:30 start

“Geological Hazards: How Safe Is Britain?”

A talk by Martin Culshaw,
(University of Birmingham and British Geological Survey)

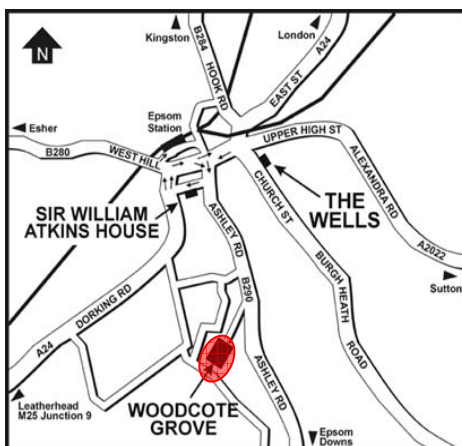


When the public becomes aware of geological hazards, it is usually because a catastrophic event such as an earthquake, a volcanic eruption or a tsunami has occurred elsewhere in the world. While Britain does experience some of these 'geohazards' very occasionally, their effect is usually small. Yet, geological hazards in Britain cause losses in terms of damage to buildings, structures and infrastructure of between £0.5bn and £1bn every year. In addition, people occasionally lose their life or are injured. The lecture will discuss the geological hazards that affect Britain. Perhaps surprisingly, the most important of these, in terms of financial loss, is the swelling and shrinking of certain clay formations. Other relatively common natural geological hazards include landslides, dissolution of more soluble rocks and weak, compressible soils. People have also created a range of 'anthropogenic geohazards'. The lecture will explain the impact of geological hazards and how they can be mitigated.



The South East Group of the Geological Society is delighted to have such a distinguished speaker to help celebrate the 50th Anniversary of the Engineering Group of the Geological Society.

Martin Culshaw is an independent engineering geological researcher and consultant. He was Director of Environment and Hazards at the British Geological Survey (BGS) and the Survey's Chief Engineering Geologist until 2008. He is Visiting Honorary Professor in Engineering Geology at the School of Civil Engineering, University of Birmingham and an Honorary Research Associate at the BGS. In 2010 he was awarded the International Association for Engineering Geology and the Environment's Hans Cloos Medal. He is currently Editor-in-Chief of the Bulletin of Engineering Geology and the Environment.



A light buffet and refreshments will be provided by

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Please let us know if you plan to attend so that we have an idea of numbers for catering - southeastrg@googlemail.com

Location: Atkins Limited,
Conference Room 1A (Off main reception),
Woodcote Grove,
Ashley Road, Epsom, Surrey, KT18 5BW