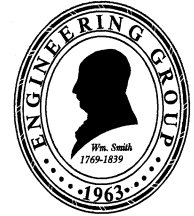




Engineering Group of The Geological Society



Tuesday 15th June 2010

The Geological Society, Burlington House, Piccadilly, London

5.00pm for 5.30pm

AGM AND EVENING MEETING

ROCK ENGINEERING AND ENGINEERING GEOLOGY: WHAT ABOUT EC7 AND DIANE?

Dr John Harrison, Imperial College London

As of 1st April 2010, Eurocode 7 (BS EN 1997) became the required standard in the UK for geotechnical engineering undertaken on behalf of public funded bodies. Fortunately EC7 only applies to soils, and so those working in rock engineering and the engineering geology that supports it have been spared getting to grips with this new code. But is this true? Does EC7 really not apply to rock? And if it does, can we apply the principles within EC7 to rock engineering?

In this informal lecture we will see that rock engineering and engineering geology are one and the same endeavour, and that the principles on which EC7 is based certainly do apply to rock. The questions to be answered are, then, is the current state of knowledge in rock engineering up to the task of satisfying these principles, and in those areas where it is lacking, how could engineering geology help improve matters? Given the comprehensive and (potentially) universal nature of the Code, these are important questions. But whilst we ponder these, we must also pay attention to DIANE. How come she is involved, and what does this mean for rock engineering and engineering geology? We'll discover this at the meeting!

Biography

A Chartered Civil Engineer by initial training, John Harrison is Senior Lecturer in rock mechanics at Imperial College and Visiting Professor of Mining Geomechanics at Curtin University, Western Australia. He has taught rock mechanics to undergraduate and postgraduate students at Imperial College for many years and has given lecture courses at universities in Australia, Canada, Chile, China and Sweden. He has also undertaken consulting assignments for a large number of civil, mining and petroleum engineering companies.

Refreshments will be served in the lower library from 5.00pm. The AGM and evening meeting will start at 5:30pm.

The event is open to all with an interest and admission is free. Please register your interest by emailing the convenor. Any queries may also be addressed to the convenor.

Convenor: Lee D. Jones, Engineering Geologist, British Geological Survey, Nottingham,
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