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BIRMINGHAM

Midland Geotechnical Society Newsletter

Newsletter March 2014

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Meeting 3rd March 2014

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Honorary Secretary:

Julian Hughes

Julian@gipuk.com

Tel. 07961 187685

Meeting Venue

Lectures start: 7.00 pm

Location:

HAWORTH BUILDING,
University of Birmingham B15 2TT

Refreshments are available prior to the meeting in the Shell lounge, Department of Mechanical and Civil Engineering, from 6.15 pm onwards

Registered Charity Number: 514610

Monday 3rd March 2014

Joint Meeting with the IGS UK Chapter

The use of Geosynthetics in Landslide Remediation and Prevention

Leonard Threadgold

Chairman and Chief Engineer of Geotechnics Limited

Summary of the Talk:

Geosynthetics are invaluable to those wishing to provide flexible geotechnical rather than a rigid structural solutions to the often difficult, but uniquely geotechnical problem of slope instability. By providing tensile strength to the characteristics of strength in shear and of relatively free drainage of granular soils they can be sustainable, cost-effective and programme-effective. Relatively small teams can achieve major benefits in progressively increasing resistance to instability and protection to those threatened by it.

Len will present some case histories which illustrate their use to solve difficult, but not necessarily large-scale problems, and highlight the advantages they provide.

About the speaker

Len Threadgold has been involved in Site Investigation and Geotechnical Consultancy for over 48 years. Following his degree and research at Liverpool University he worked for the Air Ministry and in 1965 joined Cementation at Rickmansworth and subsequently in 1973 was appointed Chief Engineer for Exploration Associates at Warwick. Whilst there, he was deeply involved in the investigations for major road schemes and the development of Geotechnical Instruments' range of equipment. In 1979 he set up his own consultancy in Geotechnical Engineering expanding it to establish Leonard Threadgold Geotechnics Limited in Hong Kong. In 1983 he established Geotechnics Limited in Coventry to cover the whole spectrum of Site Investigation and Geotechnical Consultancy. This Company has now grown to be one of the largest independent specialists in this sector in the UK with offices in Coventry, Chester and Exeter to cover work throughout the UK.



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