

Midlands Geotechnical Society Newsletter

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Honorary Secretary:

Alan Turner

Alan.turner@melbeck.com

Tel. 01902 670938

Meeting Venue

Lectures start: 7pm

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 onwards

Registered Charity Number: 514610

October 4th Meeting

A risk based approach to land use planning within the Ironbridge Gorge

Synopsis:

The area of the Ironbridge Gorge, Shropshire is a relatively young geological feature. Formed during the last period of glaciation the geomorphological processes of river gorge formation continue to this day. As a result the gorge suffers from land instability.

This study was undertaken to examine the past records of the area and to develop an approach that was both affordable and recognised the inevitable priorities that are needed to be taken.

An approach to the allocation of resources was developed, based upon work that was used in priority planning for the problems that limestone mining had posed elsewhere in the West Midlands region.

This paper examines the problems faced by the Ironbridge Gorge and sets out the methodology behind the approach taken to establish a priority driven resource allocation schedule.

Biography:

SIMON S HAKE, BSc, PGD, CEng, FIMMM, MICE, FFB

Wardell Armstrong

Simon is an Engineering Geologist with over 30 years experience in ground engineering and planning matters relating to all aspects of civil/ground engineering and minerals. His work has covered a wide range of site investigations, land reclamation, waste management, stability, hydrogeological assessments and geotechnical processes. In particular, he has worked extensively on both large and medium land remediation projects for industrial, commercial, retail and housing end uses. He has published many papers on Engineering Geology, Planning and Land Reclamation projects and presented and chaired technical discussions to conferences and meetings, etc. Currently Simon is also a Director of the Black Country Consortium, a board member of the Black Country Chamber of Commerce and a member of Industrial Advisory Board of the University of Wolverhampton .

ALAN J Turner CEng, CEnv, BSc, LLB, MSc, FICE, MCIWEM

Alan has practised for over 35 years and has experience in the design and project management of civil engineering projects in Britain and overseas (West Africa, Arabia and Western and Eastern Europe). He has been responsible for the design and supervision of the construction of major building foundations, basement construction, and road design and associated earthworks, together with the design and planning of major investigations into abandoned mine workings. He has been involved in the remediation of a number of sites left derelict by past industrial use such as steelworks, gasworks, old landfill sites and general manufacturing processes. For most of his career he has been involved with projects relating to the beneficial reuse of land affected by the industrial history of the West Midlands and other areas of the UK .

This lecture has been supported
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Applied Geology