



Western Regional Group of the Geological Society

Landslide assessment in the Himalayas: Resolving Geohazard, Cultural and Logistical Challenges.

Tuesday 16th February 2010, 6.00 for 6.30pm

Dr Andrew Hart, Scott Wilson

Landslide activity is a major issue affecting the Himalayan countries of Nepal and Bhutan. In recent years, both of these countries have seen a rapid expansion of their rural road networks, and therefore an increasing exposure to the issue. This presentation will describe aspects of the Landslide Risk Assessment Project that looked at the techniques being used by the local government geologists and engineers to map, assess and mitigate the landslide activity affecting these roads, as well as the socioeconomic impact of landslide activity on the remote and rural areas of the region. The project involved working in a fascinating region of the world and balancing some very different technical and cultural approaches to dealing with the landslide problems being faced.

Dr Andrew Hart is a Chartered Geologist with over 12 years research and consultancy experience, most of which has involved working in areas of remote and hazardous terrain. Andrew has worked on projects ranging from oil and gas pipelines, heavy haul railways, stabilisation of Victorian stone mines, Geohazard management and landslide hazard and risk mapping. Most recently Andrew has been contributing to a number of technical review reports looking at how satellite imagery and GIS technology can be used in the design, construction and maintenance of both low cost mountain roads and major oil and gas pipelines.

Venue:

S H Reynolds Lecture Theatre (Room G25), Department of Earth Sciences, University of Bristol, Wills Memorial Building, Queen's Road, Bristol BS8 1RJ

For directions see: <http://www.gly.bris.ac.uk/about/directions.html>

Convenor:

Toby Hopkins (tobyahopkins@gmail.com)

Notes:

Refreshments will be available from 6 pm. In case of any query please contact the Convenor or visit <http://www.geolsoc.org.uk/gsl/groups/regional/wrg>

For any enquiries regarding this event please contact the convenor. For any other enquiries please contact the Western Regional Group on westernregionalgroup@hotmail.co.uk