
Date of Birth: 2 January 1971
Nationality: British, Hong Kong Resident
Contact: Phone: (852) 9460 5813 or (852) 2542 3897
Email: jhart@georisksolutions.com



Academic and Professional Qualifications

Bachelor of Science (Hons), Geology, University of Edinburgh, UK	1993
Master of Science (& DIC) in Engineering Geology, Imperial College, London, UK	1997
Herbert Lapworth Medal, Imperial College, London, UK	1997
Fellow of the Geological Society of London (GSL)	1998
Glossop Award, Engineering Group of the GSL	1999
Chartered Geologist	2004

Key Experience

GeoRisk Solutions Ltd, Consulting Engineering Geologists	2007 – present
Fugro (Hong Kong) Ltd, Consulting Engineers	2005 – 2007
Scott Wilson Ltd, Consulting Engineers	1997 – 2005
Imperial College, Department of Civil Engineering	1996 – 1997
Southern Testing, GI Contractor & Geotechnical Consultants	1995 – 1996
Glasgow University, Department of Applied Geology	1994 – 1995

Summary

Jonathan is an engineering geologist with over 15 years experience worldwide and co-founded GeoRisk Solutions in early 2007. He has extensive experience in the use of engineering geology and geomorphology to develop geological, ground and design models for a wide range of applications and specialises in landslide investigation and stabilisation; developing hazard models for landslide hazard/risk assessments and mitigation design; and, in the application of engineering geology to slope stabilisation and mountain road engineering. Based in Hong Kong, Jonathan has worked extensively in both Hong Kong and the Philippines and has also undertaken projects in India, Nepal and Ethiopia.

In Hong Kong Jonathan has been at the forefront of Natural Terrain Hazard Assessments (NTHA), Landslide Investigation Consultancies (LIC), Landslide Identification projects and Landslip Preventive & Mitigation (LPMit) projects for the Hong Kong Government and private developers since 1998. Jonathan acted as expert witness for the Department of Justice on the forensic landslide investigation into the cause of a PFA fill slope failure, and was the senior engineering geologist for the forensic investigation of the major Shek Kip Mei Landslide in 1999.

He was Resident Geotechnical Engineer on a World Bank-funded rehabilitation of an 84km mountain road in the Philippines between 2002 and 2005, responsible for construction supervision involving; geotechnical design verification and design of slope and landslide stabilisation and protection works; identification and testing of construction materials; and, the design of road retaining structures. He has undertaken landslide investigation and remediation design, and alignment design for HEP schemes, mountain roads and residential developments in the Philippines, India, Nepal and Ethiopia.

Author of numerous papers on the following themes: engineering geology in geotechnical risk management; landslides and geohazard assessments; relict landslides and their implications to slope stability; progressive slope deterioration and implications for slope stability; engineering geology and geomorphology for mountain road engineering in landslide prone and seismically active terrain.