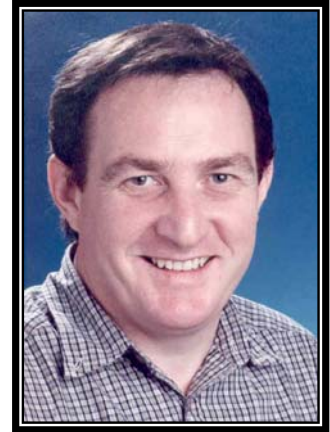


# DR PHILLIP STOTHARD

## SENIOR RESEARCH FELLOW



### QUALIFICATIONS

B.Sc. (Hons) Applied Geology,  
University of Leicester, 1994  
M.Sc. Minerals Resources Engineering and Management  
University of Nottingham, 1995  
Ph.D. Geotechnical/Geophysical Monitoring,  
University of Leeds, 2000

### EMPLOYMENT

1979 – 84 Davy Morris - Electrical Technician Apprentice / Draughtsman  
1984 – 91 E.O.M.Ltd. Electrical Contractor  
1995 – 95 Goldfield of South Africa - Rock Mechanics Engineer.  
1996 – 98 University of Leeds – School of Mining and Minerals Engineering  
Undergraduate Tutor/Demonstrator  
1998 – 00 Yorkshire Blasting Consultants – Consultant  
2000 – 04 UNSW, School of Mining Eng - Senior Research Fellow  
2004 – 05 EnviroDAQ – Project Manager  
2005 – UNSW, School of Mining Eng - Senior Research Fellow

### TEACHING AREAS

Mine Simulation and Modelling

### RESEARCH

Development and Deployment of Interactive Computer Based training Simulations  
Development of a Magnetic Sensor to Measure Differential Settlement...

### SELECTED PUBLICATIONS & REPORTS

Stothard, P M and Birch, W J, 1999. Development of a very low-frequency magnetic sonde to measure distance through soil, in *1999 International Symposium on Mining Science and Technology* 29-31 August, 1999, Beijing, China.  
Stothard, P M and Birch W J, 2000. Development of a very low-frequency magnetic sonde for the measurement of settlement through rock and mining backfill, in *Transactions of the Institution of Mining and Metallurgy, Section B, Applied Earth Science*, Transactions vol.109 September-December 2000 ISSN 0371-7453.  
Stothard P.M. and Laurence D.L., (2001) Use of Virtual Reality (Simulator) training to identify risk takers in the NSW mining industry. NSW Minerals Council Occupational Health and Safety Conference, July 29-31, 2001.  
Stothard P.M., Otto D., Laurence D.C., Galvin J.M., Zenari L.,(2001), e-minesafe Safety and Training Simulator "The Integration of Knowledge and Skills to Achieve Safe Human Responses" UMRC Research Report RR10/01 ISBN No. 0 7334 1844 9  
Stothard P.M.,(2003), The feasibility of applying virtual reality to the coal mining operations. AusImm Proceedings, Mining Risk Management 2003. Effective risk management for project optimisation.  
Stothard, P M, Galvin JM, Fowler JCW, (2004) Development, Demonstration and Implementation of a Virtual Reality Simulation Capability for Coal Mining Operations. Proceedings ICCR Conference, Beijing, China 2004.  
Stothard PM & Galvin JM. (2005) State of the Art of Virtual Reality Simulation Technology and Its Applications in 2005. School of Mining Engineering, University of New South Wales. Research Report RR 1/05. 2005. ISBN 0 7334 2229 2.

### PROFESSIONAL INTERESTS AND CONSULTING

Computer Based Simulation and Modelling  
Project Management  
Project Transfer to Industry  
Scoping Studies