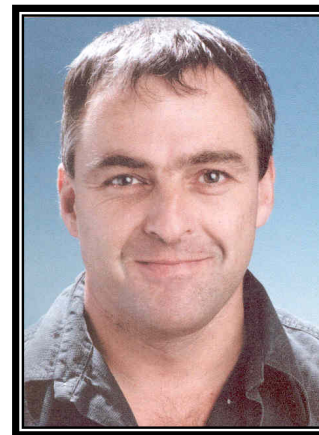


# DR ROY MOREBY

## ADJUNCT ASSOCIATE PROFESSOR



- QUALIFICATIONS** B.Sc. in Mining Engineering, Camborne School of Mines, 1982  
Ph.D. in Mining Engineering, Camborne School of Mines, 1987  
NSW Certificates of Competency as Mine Manager (Metall.) 1991  
Mines Rescue
- EMPLOYMENT** 1978 - 79 Consolidated Gold Fields (South Africa), Miner.  
1985 - 89 Carnon Consolidated (U.K), Ventilation Engineer.  
1989 - 93 Pasminco Mining (Australia), Ventilation Engineer.  
1993 - 97 Dartbrook Coal (Australia), Gas Drainage/Ventilation Eng.  
1997 - Consulting Gas Drainage and Ventilation Engineer.  
1998 - Adjunct Associate Professor of Mining, UNSW.
- PROFESSIONAL SOCIETIES** Mine Ventilation Society of South Africa, Fellow.
- TEACHING AREAS** Mine Ventilation  
Mine Gas Drainage  
Mine Climate Control
- RESEARCH INTERESTS** Network simulation  
Mine heat sources  
Seam gas emission
- SELECTED PUBLICATIONS** Moreby, R G, 1988. Thermodynamic Network Simulation Incorporating Airway Heat And Moisture Transfer, in *Fourth International Mine Ventilation Congress*, Brisbane, July.  
Moreby, R G, 1988. Thermodynamic Network Simulation Incorporating Airway Heat And Moisture Transfer, in *Fourth International Mine Ventilation Congress*, Brisbane, July.  
Moreby, R G, 1988. Occurrence And Control Of Radon - 222 In Cornish Tin Mines, in *Camborne School Of Mines Journal*.  
Moreby, R G, 1992. Installation Of A 6.5 MW Ammonia Refrigeration Plant At North Mine, Broken Hill, in *Fifth International Mine Ventilation Congress, Johannesburg*.  
Moreby, R G, 1992. Ventilation At Pasminco Mining's Broken Hill Operations, in *The Aus IMM Annual Conference Workshop*, Broken Hill.  
Moreby, R G, 1995. Gas And Ventilation Design Principles At Dartbrook Coal Mine, paper presented to *Management And Control Of High Gas Emissions And Outbursts In Underground Coal Mines (Operators Workshop)*, Wollongong, April.  
Moreby, R G, 1995. Dartbrook Coal Spontaneous Combustion Management Plan, in *Proceedings Seminar on Spontaneous Combustion, Mudgee NSW* (Dept. Mineral Resources).  
Moreby, R G, 1997. Case Study - Dartbrook Coal Mine, in *Sixth International Mine Ventilation Congress*, Pittsburg. March.  
Jeffrey, R, Enever, J, Hennig, A, Meaney, K, Moreby, R and Doyle, R, 1997. The impact of structure and stress on permeability and gas drainage as measured at a vertical well drainage site at Dartbrook Mine, in *Proc. Symp. Safety In Mines The Role Of Geology*, NSW pp 91 – 104.
- PROFESSIONAL INTERESTS AND CONSULTING** Consultant to metalliferous and coal mining industry for underground ventilation, gas drainage and climate control;  
Course Design: Statutory Mine Ventilation Offices Course