



A/PROF. DAVID LAURENCE

**DIRECTOR POSTGRADUATE STUDIES & INTERNATIONAL DEVELOPMENT
(MEA NODE: UNSW SCHOOL OF MINING ENGINEERING)**

QUALIFICATIONS	<p>B.Sc., Geology, University of Sydney 1974 B.E. (Hons), Mining Engineering, University of Sydney 1976 M.E. Mining Engineering University of Sydney 1989 MBA, International Business, University of New England 1997 PhD, Mining Engineering, 2003 NSW & NT First Class Certificates of Competency as Mine Manager</p>
EMPLOYMENT	<p>1977 - 82 The Zinc Corporation, Broken Hill, Australia – Mining Engineer 1983 - 88 NSW Department of Mineral Resources, Armidale, Australia – Regional Mining Engineer. 1988 - 92 Nunan Sapphires Pty Ltd, Inverell, Australia – General Manager Operations 1992 - 95 Ministry of Mines, Zimbabwe – Principal Mining Engineer 1995 - 98 Department of Mines & Energy, Darwin, Australia – Chief Government Mining Engineer 1998 - present UNSW, School of Mining Engineering – Associate Professor 2003 - present Director Postgraduate Studies & International Development</p>
PROFESSIONAL SOCIETIES	<p>Australasian Institute of Mining & Metallurgy, Fellow & Chair - AusIMM Sydney Branch Chamber of Mines of Zimbabwe, Member American Institute of Mining Engineers, Member Member of the Board of Examiners, NSW Below Ground Mine Managers Certificate of Competency Society of Mining Professors – Member</p>
TEACHING AREAS	<p>Mining methods (hard rock) Sustainable mining practices Mining law Mine management Mine safety and risk management</p>
RESEARCH INTERESTS	<p>Mine closure Sustainable mining Mine safety Mining in developing countries</p>
SELECTED RECENT PUBLICATIONS	<p>Laurence, D.C., Galvin, J.M., Beer, L. "Polymer Membrane Liners in Underground Coal Mines – Ground Control for the Millenium?" in Proc. 19th Conference on Ground Control in Mining, Morgantown, WV, 2000. Laurence, D.C., "The Closure Risk Factor – A Simple Model for Optimising Mine Closure Outcomes" Society for Mining, Metallurgy and Exploration, Vol. 310, Transactions 2001. Laurence, D.C., "Optimising Mine Closure Outcomes for the Community – Lessons Learnt" Minerals and Energy, Raw Materials Group, Vol. 17 No.1, 2002 pages 27-34. Laurence, D.C., "Learning Safe Work Behaviour – A New Tool for the Mining Industry", NSW Minerals Council, OHS Conference, Terrigal, 2002 Laurence, D.C. "TSL Trials at an Australian Underground Coal Mine" Chapter 23 of "Surface Support in Mining", Potvin et al (eds). Australian Centre for Geomechanics, Perth, 2004. pp 227-234 ISBN 0 975675605 Laurence, D.C. 2005 "Safety Rules and Regulations on Mine Sites – The Problem and a Solution" Journal of Safety Research, Volume 36, Issue 1, 2005, Pages 39-50 ISSN 00224375 Laurence, D.C. 2006 "Optimisation of the Mine Closure Process" Journal of Cleaner Production, Volume 14, Issues 3-4, Pages 285-298 Elsevier Science Ltd Laurence, D.C. 2006 "Achieving Superior Planning for Mine Closure through a Better Understanding of Why Mines Close" Journal of Indian School of Mines Issue 1, Vol. 1., March 2006 Pages 44-50 ISSN 0973 4295 Laurence, D.C. 2006 "Why Do Mines Close?" First International Seminar on Mine Closure. Australian Centre for Geomechanics, Perth (in prep).</p>