

RICHARD IAN ACWORTH

DATE OF BIRTH	23 April 1950
CURRENT POSITION	Associate Professor, School of Civil & Environmental Engineering University of New South Wales
QUALIFICATIONS	B Sc, Earth Sciences, Leeds University, UK, 1973 MSc, Hydrogeology, Birmingham University, UK, 1975 PhD, Hydrogeology, Birmingham University, UK, 1981
AFFILIATIONS	Fellow of the Geological Society of London Vice-President - International Association of Hydrogeologists Member National Groundwater Committee
SPECIAL EXPERTISE	<ul style="list-style-type: none">• Electrical geophysical methods and equipment in groundwater investigation• Coastal groundwater studies• Dryland salinity investigations and palaeoclimate studies• Groundwater contamination studies – DNAPL and inorganic• Groundwater resource studies
RESEARCH GROUP AND PROJECT MANAGEMENT EXPERIENCE	<ul style="list-style-type: none">• Research and design of automated pumping test equipment• Implementation of remote data logging technology• Development of geophysical data acquisition equipment• Management of groundwater investigation group
COLLABORATIVE RESEARCH EXPERIENCE	Over the past 30 years have actively collaborated or led research teams in Nigeria, England, South Yemen and Australia.
RESEARCH AND EMPLOYMENT EXPERIENCE	1973–1974 Member of the Hydrology/Hydrogeology Unit of Sir William Halcrow & Partners, International Consulting Engineers in London, UK. 1976–1979 Senior Hydrogeologist with Water Surveys (Nigeria) Limited in Bauchi, Nigeria. 1979–1982 Research Assistant and then as a Research Fellow, working under Professor DH Griffiths at Birmingham University, developing geophysical techniques for use in Hydrogeology and Engineering Geology. 1982–1988 Manager of Hydrogeology/Geophysics group in the Consultancy Division of Wimpey Laboratories, Hayes, UK. 1988–Present Senior Lecturer, University of New South Wales 1993–1999 Director, UNSW Groundwater Centre
EDUCATION	Leading role in the development and teaching of the M.App.Sc's and M. Eng. Sci. in Groundwater Studies at UNSW. Leading role in the establishment of a teaching company research scheme on cross-hole geophysics in the UK. Supervisor for 8 PhD students, and numerous coursework master's research projects.
PUBLICATIONS	6 Monographs, 2 Book chapters, 30 Journal papers and 56 Conference papers.
CONSULTANCIES	<ul style="list-style-type: none">• Employed for 5½ years as acting manager or manager of a groundwater consulting group in UK.• Employed for 3½ years as Senior Hydrogeologist of a consultancy in

Nigeria.