

Andy Fourie PhD

Professor, School, Civil, Environmental & Mining Engineering
University of Western Australia, Perth

EDUCATION

B.Sc (ENG), *cum laude*, Civil 1978, University of Witwatersrand, Johannesburg, South Africa
M.Sc (ENG) Civil 1980, University of Witwatersrand, Johannesburg, South Africa
PhD 1985, Imperial College, London, UK

EXPERIENCE

2008 – present Professor, School of Civil, Environmental & Mining Engineering, University of Western Australia.
2016 Visiting Professor, University of Colorado, Boulder, USA.
2012 – 2015 Head of School of Civil, Environmental & Mining Engineering, University of Western Australia.
2011 Visiting Professor, Catholic University of Valparaiso, Chile
2005 – 2008 Professorial Fellow, Australian Centre for Geomechanics
2003. Visiting Professor. School of Civil Engineering, Colorado State University, Fort Collins, Colorado, USA.
2000 – 2004 Professor of Construction Materials, School of Civil and Environmental Engineering, University of the Witwatersrand, Johannesburg, South Africa.
1992 – 1999 Associate Professor, School of Civil and Environmental Engineering, University of the Witwatersrand, Johannesburg, South Africa.
1996. Visiting Research Fellow, Syncrude Research and University of Alberta, Edmonton, Canada.
1990 – 1992. Senior Lecturer, School of Civil and Environmental Engineering, University of the Witwatersrand, Johannesburg, South Africa.
1989 – 1990. Professor, Rand Afrikaans University, Johannesburg.
1988. Visiting Researcher, Politecnica de Catalunya, Barcelona, Spain
1985 – 1988. Lecturer, Department of Civil Engineering, University of Queensland
1981 – 1984. Post-graduate (PhD) study in Soil Mechanics at Imperial College, London. (Thesis title “Retaining walls in stiff clays”).
1980 - 1981 Geotechnical Engineer, Steffen, Robertson and Kirsten, Johannesburg
1979 Research Assistant, Bernard Price Institute of Geophysics, University of the Witwatersrand.

PROFESSIONAL SUMMARY

- Specialist Geotechnical Engineer with over thirty years of geotechnical and environmental experience on a wide variety of projects.
- Academic and researcher active in field of mining and municipal solid waste management, unsaturated soil mechanics, cemented paste backfill, electrokinetic dewatering of tailings and soft clays, and geosynthetics engineering
- Author of over 240 technical papers, including over 100 papers in refereed international journals
- Editor or co-editor of 16 books or conference proceedings on Paste & Thickened Tailings, Mine Closure and geotechnical engineering topics
- Member of Editorial Board of four international journals, reviewer for over 14 international journals.
- Initiator and convenor of annual seminars on Paste & Thickened Tailings and on Mine Closure

INTERNATIONAL CONSULTING EXPERIENCE

- South Africa
- Australia
- Namibia
- Mali
- Kenya

- United Kingdom
- Canada
- Chile
- Philipines
- Peru

- Spain
- Botswana
- New Caledonia
- Papua New Guinea
- Tanzania

- Sweden
- Ghana
- Zambia