



ROGER PAUL PARSONS

Nationality	South African
Profession	Geohydrologist
Specialization	Groundwater resource exploration, assessment and development Surface-groundwater interaction and Reserve determinations Groundwater contamination Groundwater monitoring
Year of Birth	1961
Language Proficiency	English (Mother tongue); Afrikaans (Good)

EXPERIENCE RECORD

1996 - present	General groundwater consulting Groundwater assessments and licensing applications Development of protocol to assess the groundwater component of the Reserve Specialist groundwater assessments for environmental studies Groundwater quality management strategy Groundwater resource exploration and evaluation Aquifer classification and national scale mapping Waste site selection, assessments and monitoring Groundwater contamination assessment and monitoring Regional waste disposal facility assessment studies Presentation of short training courses
1990 - 1996	Evaluation of South African hydrological services for World Bank Development of an aquifer classification for South Africa Research into the impact of waste disposal sites on groundwater Research into groundwater contamination resulting from agriculture Waste site selection, evaluation and monitoring Groundwater monitoring at national and local scale Groundwater protection Preparation of specialist report for EIA's General groundwater consulting Presentation of lectures and workshops to various parties.
1988 - 1990	National groundwater quality evaluation Groundwater quality and contamination studies Geohydrological evaluation at solid waste disposal sites Groundwater investigations
1986 - 1988	National Service
1984 - 1986	Groundwater exploration and evaluation in the Karoo M.Sc. (part time)

EMPLOYMENT RECORD

1996 - present	Parsons & Associates Specialist Groundwater Consultants ^{cc}
1990 - 1996	Division of Water Technology, CSIR
1984 - 1990	Department of Water Affairs

EDUCATION AND PROFESSIONAL STATUS

B.Sc	Rhodes University	1982
B.Sc (Hons)	Rhodes University	1983
M.Sc	Rhodes University	1987
Ph.D	University of the Free State	2014
Key Courses:	Design of water quality monitoring systems, CSIR/Colorado State University	1988
	Integrated Environmental Management, CSIR	1993
	Structural geology for Geohydrologists, Ground Water Division, GSSA	1993
	Groundwater for Windows, CSIR	1995
	Visual MODFLOW, NGWA-USA	1998
	Recharge estimation techniques, IGS-UOFS	2000
	Use of isotopes in geohydrology, CSIR	2000
	NAPLs in groundwater, University of Nevada / USEPA	2002
	NAPLs in groundwater and remediation – advanced course, University of Nevada / USEPA	2003
	Effective Team Leader Skills	2006
	South African Groundwater Decision Tool, IGS-UOFS	2006
	Water law of South Africa	2006
	Estimating groundwater recharge, USGA / Univ. Texas	2011
Professional Registration:		Pr. Sci. Nat. (400163/88)
Member:	Geological Society of South Africa – Ground Water Division (Past Branch Chairman)	1984
Member:	Institute of Waste Management (Fellow – 2004) (Past Branch Committee Member)	1990
Member:	Water Institute of Southern Africa (Fellow – 2007)	1991
Member:	International Association of Hydrogeologists	1993
Member:	National Ground Water Association	1998
Member:	International Association of Hydrological Sciences	2003

PUBLICATIONS

Consultancy Reports	259
Research Reports	18
DWA Reports	6
Publications	18
Conference Papers	62