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## Riaan A. J. Robbeson (Pr.Sci.Nat.)

**Name of Firm:** Bathusi Environmental Consulting cc  
**Position:** Member, Specialist Investigator  
**Profession:** Environmental Scientist, Ecologist, Botanist  
**Date of Birth:** 13<sup>th</sup> April 1969  
**Consulting experience:** 15 years  
**Nationality:** South African  
**Cellular Contact:** 0027 82 3765 933  
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### Membership in Professional Societies:

CLASS	PROFESSIONAL SOCIETY	YEAR OF REGISTRATION
Pr.Sci.Nat.	South African Council of Natural Scientific Professions (SACNASP) (Ecological Scientist & Botanical Scientist, Reg no: 400005/03) (weblink:www.infoveld.com/sarnap/EXEC/4/04c7jg21y2fpby11qc2dh1ikyr8m)	2003
Professional Member	Grassland Society of Southern Africa	2008

### Fair and Reasonable Opinions:

YEAR	CLIENT	RESPONSIBILITY	DESCRIPTION
2002	Deneys Reitz Attorneys	Environmental Due Diligence	Determining the fire damage to the structural layers of the vegetation in Sabi Sand Private Game Reserve
2007	Cameron Cross Inc	Environmental Due Diligence	Investigating findings of GDACE in negative ROD for the proposed Greengate Residential Establishment

**Abbreviated list of Current Tasks & Completed Projects:**

<b>YEAR</b>	<b>CLIENT</b>	<b>COMMODITY</b>	<b>PROJECT DESCRIPTION</b>
2009	PBA International	Power Utility	Masa Selomo 765kV Lines Ecological EIA
	Mills & Otten	Infrastructure	Bakgatla Ecological EIA
	GCS	Power Utility	Kangra PS Ecological EIA
	Savanna Environmental	Power Utility	Kyalami Strengthening
	NuCoal Mining	Biological Monitoring	Environmental monitoring of ecological environment
	SSI	Power Utility	Watershed Sephaku Biodiversity EIA
	PB Power	Power Utility	Environmental Monitoring Committee
	PBA International	Power Utility	Epsilon Substation Biodiversity Scoping Assessment
2008	Bohlweki	Power Utility	Biodiversity EIA – Boulders – Marathon 132kV
	Bombela CJV	Infrastructure	Biodiversity Monitoring of construction activities
	Marsh Vikela	Mining	GOPE Biodiversity EIA
	PB Power	Power Utility	Medupi Power Station Environmental Monitoring
	Kwezi V3 Engineers	Mining	Greenfield Expansion Biodiversity EIA
	Savannah Env	Power Utility	Mokopane Integration Biodiversity EIA
	Bohlweki	Power Utility	Vygeboom EMP Upgrade
	Bohlweki	Power Utility	Majuba CCGT EIA
	Iliso Consulting	Infrastructure	Kaalplaasspruit Remedial EMP
2007	PBA International	Power Utility	Biodiversity Impact Assessment of the Matimba – Marang Power lines
	PBA International	Power Utility	Biodiversity Impact Assessment of the Matimba – Dinaledi Power lines
	PBA International	Power Utility	Biodiversity Impact Assessment of the Mmamabula – Delta Power lines
	Marsh Vikela	Development	Biodiversity Impact Assessment of the farm Leeuwpoort
	Bohlweki	Power Utility	Biodiversity Impact Assessment of the proposed Steelpoort Pumped Storage Scheme
	SiVEST	Development	Biodiversity Assessment of the Bultfontein Development
	SiVEST	Development	Biodiversity Assessment of the Newmarket Development
	PBA International	Power Utility	Biodiversity Scoping Assessment of the proposed Epsilon Sub station
	AgriDev International	Development	Biodiversity Impact Assessment of Golwe
	Bombela JV	Transport	Red Data species location and relocation for the Gautrain Development
	Woestalleen Colliery	Mining	Development and implementation of bio-monitoring programme
	Eko-Info cc	Mining	Floristic Surveys of the proposed Nu-Largo coal mine
	Eko-Info	Mining	Floristic Surveys of the proposed Mmamabula coal mine
	Bohlweki	Mining	Floristic Impact Assessment of the proposed Underground Gasification Concept mining
	Bohlweki	Power utility	Biodiversity Impact Assessment of the Matimba B

			Power Station
2006	PBA International	Power utility	Biodiversity Scoping assessment of the proposed Matimba Integration
	Digby Wells	Mining	Biodiversity Assessment of the proposed Maresburg mine
	Bohlweki	Power utility	Floristic Assessments of the Kabokweni and Kiepersol power lines
	African EPA	Development	Bryntirion, Paardeplaats, Willows, Simon Vermooten Floristic Assessments
	Eko-Info	Development	Floristic sampling of Lula, Mozambique
	Mills & Otten	Development	Olievenhoutbosch, Brakfontein, Kosmosdal, Blue Hills, Garstfontein Biodiversity Assessments
Pre 2006	Agricultural Research Council	Research	Management Guidelines and Impact Assessment of Quelea control activities in wetlands
	SEF	Research	Floristic sampling of the Tshwane Municipal area
	University of Pretoria	Research	Floristic sampling of the Kglalagadi Transfrontier Park, Botswana
	Confidential	Development	Biodiversity assessment of selected sites in the Okavango Delta for limited lodge development and hunting concessions
	African EPA	Development	Red Data investigation for development purposes
	Groundwater Consulting	Mining	Ecological investigation of Wildebeestpan
	Groundwater Consulting	Mining	Ecological investigation of Teutfontein
	Groundwater Consulting	Mining	Ecological investigation of Aasvoelkrans
	Groundwater Consulting	Mining	Ecological investigation of Klipspruit
	Deneys Reitz Attorneys	Research	Quantification of fire damage to the vegetation structure in Sabi Sand Private Game Reserve
	Northam Platinum Limited	Mining	Development of an alien control programme for the mining area.
	SEF	Development	Removal and relocation of medicinal plants from Calswald development site.
	Woestalleen Collier	Mining	Development and installation of a natural wind and visual break between mining and provincial roads
	Confidential	Research	Vegetation structure analysis of waterpans in the Chobe National Park, Botswana
	Institute for Soil, Climate and Water	Research	Floristic sampling and development of a GIS remote sensing tool for the assessment of natural degradation of vegetation in the Gauteng Province
	Institute for Soil, Climate and Water	Research	Floristic sampling and development of a GIS remote sensing tool for the assessment of natural degradation of vegetation in the Mpumalanga Province

## Key Qualifications & Attributes

Riaan A.J. Robbeson is an experienced ecologist and botanist, having obtained his Masters degree in Plant Ecology at the University of Pretoria while working as a research assistant on the National Grassland Biome Project. His involvement in specialist environmental studies followed naturally after graduation and he has since 1998 been involved in numerous projects that related to his field of expertise, ranging in size from a few hectares to provincial scale. Extensive experience has subsequently been obtained on the status and reaction of the natural environment to development and the assessment thereof. In addition to pure scientific investigations, he has also developed and successfully implemented several biodiversity monitoring programmes on mining areas. International projects include areas such as Botswana and Mozambique. Project management include the management of other specialist investigators and the ecological integration of biodiversity data and reports.

On a personal level, Riaan is an amateur wildlife photographer and is compiling a personal database of photographs of South African wild flowers. He also is a social ultra distance runner and has completed 4 Comrades marathons.

## Education

DEGREE / DIPLOMA	FIELD	INSTITUTION
B.Sc.	Botany and Zoology (main subjects)	University of Pretoria (1987 – 1991)
B.Sc. (Hons)	Botany	University of Pretoria (1992)
M.Sc.	Plant Ecology	University of Pretoria (1994 – 1998)
Visual Basic Programming	Programming	Unischool (University of Pretoria), 1999

## Employment Record

POSITION	COMPANY	JOB DESCRIPTION	DURATION
Research Assistant	University of Pretoria	Botanical surveys, plant identifications, data capturing, data analysis, report compilation, phytosociological descriptions, Post graduate Masters Publications	1994 - 1998
Member	EkoInfo cc	Project acquisition, site investigations, data analysis, report compilation, GIS mapping, selected peer review for publications and specialist reports	1995-1999
Member	Bathusi Environmental Consulting	Project acquisition, project management, site investigations, data analysis, report compilation, GIS mapping, selected peer review for publications and specialist reports, financial administration	1999 - present

## Languages

English: RWS - Excellent  
Afrikaans: RWS - Excellent

## Certification

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications and experience.

A handwritten signature in black ink, appearing to read 'Riaan A.J. Robbeson', written over a faint, light-colored rectangular stamp or watermark.

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