

APPENDIX 1: EAP CVS

## MAGNUS VAN ROOYEN



<b>Profession</b>	ENVIRONMENTAL SCIENTIST
<b>Position in Firm</b>	Executive Associate
<b>Area of Specialisation</b>	ENVIRONMENTAL IMPACT ASSESSMENTS, SCOPING REPORTS, PRELIMINARY ENVIRONMENTAL ASSESSMENT, MINING RIGHT AND PERMIT APPLICATIONS, ENVIRONMENTAL CONTROL OFFICER DUTIES; ENVIRONMENTAL MANAGEMENT PROGRAMMES, STRATEGIC ENVIRONMENTAL ASSESSMENTS, WILDLIFE MANAGEMENT PLANS, ENVIRONMENTAL EDUCATION PROGRAMS AND AGRICULTURAL DEVELOPMENT PLANS.
<b>Qualifications</b>	BSc, BSc (Hons), MPhil. (Environmental Management)
<b>Years of Experience</b>	14
<b>Years with Firm</b>	13

### SUMMARY OF EXPERIENCE

Mr Van Rooyen is currently an Executive Associate and the Regional Head of the Environmental Division of a National Consulting Engineering Firm in South Africa. He is located in Pietermaritzburg, KwaZulu-Natal.

In addition to holding a Masters degree in Environmental Management, he also holds a BSc degree in Botany and Zoology, an Honors Degree in Botany and a Post Graduate Certificate in Education. He has 13 years' experience in projects involving Environmental Impact Assessments in various developmental sectors (Mining and Agricultural Sector, National Roads, Pipelines, Dams, and Residential Developments), conducting of Specialist Biodiversity Assessments associated with Environmental Impact Assessments and Project Feasibility Studies. He has experience in the compilation of Resettlement Policy Framework Plans associated with infrastructure development projects. Mr van Rooyen has experience in working on various private and public sectors as well as rural and urban environments in various countries.

Mr Van Rooyen's expertise lies within the mining sector where he has gained extensive exposure to all the aspects of mining projects from the pre-feasibility, prospecting, environmental impact assessment and implementation and monitoring stages. In addition, he has conducted Due Diligence Assessments as well as Environmental Compliance Monitoring and Management of a variety of mining sites.

## EDUCATION

<b>Date (from – to):</b>	1995-1998
<b>Degree/Institution:</b>	BSc – Botany & Zoology (Stellenbosch University)
<b>Date (from – to):</b>	1999
<b>Degree/Institution:</b>	Special Student - Department of Agriculture (Stellenbosch University)
<b>Date (from – to):</b>	2001
<b>Degree/Institution:</b>	B.Sc Honnours – Botany (Stellenbosch University)
<b>Date (from – to):</b>	2002
<b>Degree/Institution:</b>	Post Graduate Diploma in Teaching (Stellenbosch University)
<b>Date (from – to)</b>	2003 – 2005
<b>Degree/Institution:</b>	Masters Degree in Environmental Management (Stellenbosch University)

<b>Other Training:</b>	<p><b>2008 – 2009</b> Jeffares and Green Consulting Engineers and Environmental Consultants Accelerated Development Programme</p> <p><b>2014:</b> Wetland Delineation and Modeling Course – Rhodes University</p> <p><b>2015:</b> Wetland Buffer Determination Course – Water Research Commission</p>
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## EMPLOYMENT RECORD

<b>Date (from – to)</b>	1999
<b>Location</b>	Witley Bay, Northumberland, United Kingdom
<b>Employer</b>	Marden Bridge Middle School
<b>Position(s)</b>	Physical Education Teacher
<b>Description</b>	Physical Educator associated with the Marden Bridge Middle School Sport Centre.
<b>Date (from – to)</b>	2000
<b>Location</b>	Bradenton, Florida, USA
<b>Employer</b>	Gene's Citrus Ranch
<b>Position(s)</b>	Farm Manager
<b>Description</b>	Management of the day to day operations of an export citrus farm
<b>Date (from – to)</b>	2001 – 2002
<b>Location</b>	Stellenbosch, Western Cape, South Africa
<b>Employer</b>	Paul Roos Gymnasium
<b>Position(s)</b>	Biology Teacher
<b>Description</b>	Teaching the South African Biology curriculum to high school pupils.
<b>Date (from – to)</b>	2002 – 2005
<b>Location</b>	Stellenbosch, Western Cape, South Africa
<b>Employer</b>	Department of Botany and Zoology, Stellenbosch University

<b>Position(s)</b>	Junior Lecturer in Botany
<b>Description</b>	Lectured the Botany practical component of the first-year Natural Science Degree.
<b>Date (from – to)</b>	2002 – 2005
<b>Location</b>	Stellenbosch, Western Cape, South Africa
<b>Employer</b>	Department of Conservation Ecology, University of Stellenbosch
<b>Position(s)</b>	Biodiversity Researcher
<b>Description</b>	Conducted field work, sampling, laboratory work and logistics associated with two projects within the Conservation Ecology Department
<b>Date (from – to)</b>	2006 - 2007
<b>Location</b>	Pietermaritzburg, KwaZulu-Natal, South Africa
<b>Employer</b>	Jeffares & Green (Pty) Ltd Consulting Engineers
<b>Position(s)</b>	Environmental Scientist
<b>Description</b>	Conducted field work, complete Applications for Environmental Authorisation (Basic Assessments and Full Scoping and EIAs)
<b>Date (from – to)</b>	2007 – 2010
<b>Location</b>	Pietermaritzburg, KwaZulu-Natal, South Africa
<b>Employer</b>	Jeffares & Green (Pty) Ltd Consulting Engineers
<b>Position(s)</b>	Senior Environmental Scientist
<b>Description</b>	Managing a team of scientists conducting field work, completing Applications for Environmental Authorisation (Basic Assessments and Full Scoping and EIAs) Conducting specialist wetland, biodiversity and ecological assessments for a range of infrastructure projects.
<b>Date (from – to)</b>	2011 - present
<b>Location</b>	Pietermaritzburg, KwaZulu-Natal, South Africa
<b>Employer</b>	JG Afrika (Pty) Ltd (previously Jeffares & Green (Pty) Ltd)
<b>Position(s)</b>	Principal Environmental Consultant
<b>Description</b>	Responsible for the management and operation of the Environmental Business unit. Conducting specialist wetland, biodiversity and ecological assessments for a range of infrastructure projects.

## SPECIFIC EXPERIENCE

### *Biodiversity and Wetland Assessment Projects*

<b>Name of Project:</b>	<b>Phalannwa Coal Mine Biodiversity and Wetland Assessment</b>
Client:	uKhozi Environmentalists
Project duration/date:	September 2017
Job Title and Duties:	Wetland and Biodiversity Specialist

Undertaking the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the Phalanndwa Coal Mine Expansion near Delmas.

**Name of Project:** **Lephalale Coal Mine Biodiversity and Wetland Assessment**

**Client:** Kongiwe Environmental Consultants

**Project duration/date:** April to August 2017

**Job Title and Duties:** Wetland and Biodiversity Specialist  
Undertaking the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the Lephalale Coal Mine near Lephalale.

**Name of Project:** **Riversdale Coal Mine Wetland Assessment**

**Client:** Nzingwe Consultancy

**Project duration/date:** May 2017

**Job Title and Duties:** Wetland Specialist  
Undertaking the wetland specialist study in support of the Application for Environmental Authorisation and the Water Use Licence Application for the Riversdale Coal Mine near Vryheid.

**Name of Project:** **SAPPI Saiccor Wetland Assessment**

**Client:** WSP Environmental

**Project duration/date:** August 2017

**Job Title and Duties:** Wetland Specialist  
Undertaking the wetland specialist study in support of the Application for Environmental Authorisation for the construction of flood protection measures associated with the SAPPI Saiccor Mill, uMkomaas.

**Name of Project:** **11<sup>th</sup> Avenue Interchange Wetland Assessment**

**Client:** WSP Environmental

**Project duration/date:** September 2017

**Job Title and Duties:** Wetland Specialist  
Undertaking the wetland specialist study in support of the Application for Environmental Authorisation for the construction of the 11<sup>th</sup> Avenue Interchange, Durban

**Name of Project:** **SAPPI Saiccor Alien Invasive Plant – Risk Assessment**

**Client:** WSP Environmental

**Project Duration/date:** July 2017

Job Title and Duties: Vegetation Specialist  
Undertaking of the risk assessment of the presence of various listed category I and II alien invasive plant species on the SAPPI Saiccor Mill site, uMkomaas.

**Name of Project: Uithoek Colliery Wetland and Biodiversity Assessment**

Client: Miranda Minerals  
Project duration/date: August 2008  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking the wetland and biodiversity specialist study in support of the Mining Right Application for the establishment of the Uithoek Colliery, Dundee.

**Name of Project: Burnside Colliery Wetland and Biodiversity Assessment**

Client: Miranda Minerals  
Project duration/date: July 2007  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking the wetland and biodiversity specialist study in support of the Mining Right Application for the establishment of the Burnside Colliery, Dundee.

**Name of Project: Ultimate Goal Colliery Biodiversity Assessment**

Client: Ultimate Goal  
Project duration/date: June 2006  
Job Title and Duties: Biodiversity Specialist  
Undertaking the wetland and biodiversity specialist study in support of the Mining Right Application for the establishment of the Ultimate Goal Colliery, Dundee.

**Name of Project: Sesikhona Colliery Wetland and Biodiversity Assessment**

Client: Miranda Minerals  
Project duration/date: September 2008  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking the wetland and biodiversity specialist study in support of the Mining Right Application for the establishment of the Sesikhona Colliery, Dannhauser.

**Name of Project: Taylors Halt Quarry Wetland and Biodiversity Assessment**

Client: Canton Trading  
Project duration/date: May 2006  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking the wetland and biodiversity specialist study in support of the Mining Right Application for the establishment of the Taylor Halt Quarry, Pietermaritzburg.

**Name of Project: Ladysmith Quarry Wetland and Biodiversity Assessment**

Client: Afrimat  
Project duration/date: October 2011  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking the wetland and biodiversity specialist study in support of the Mining Right Application for the establishment of the Afrimat Quarry, Ladysmith.

**Name of Project: uMtamvuna Quarry Biodiversity Assessment**

Client: South African National Roads Agency Limited  
Project duration/date: January 2005  
Job Title and Duties: Biodiversity Specialist  
Undertaking the biodiversity specialist study in support of the Mining Right Application for the establishment of the SANRAL Quarry, Kokstad.

**Name of Project: N3 – Epworth Road Interchange Wetland and Biodiversity Assessment**

Client: South African National Roads Agency Limited  
Project duration/date: September 2010  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking of the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the upgrading of the N3 – Epworth Road Interchange, Pietermaritzburg

**Name of Project: N3 – Chota Motala Road Interchange Wetland and Biodiversity Assessment**

Client: South African National Roads Agency Limited  
Project duration/date: June 2009  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking of the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the upgrading of the N3 – Chota Motala Road Interchange, Pietermaritzburg.

**Name of Project: N3 – Market Road Interchange Wetland and Biodiversity Assessment**

Client: South African National Roads Agency Limited  
Project duration/date: October 2016  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking of the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the upgrading of the N3 – Market Road Interchange, Pietermaritzburg.

**Name of Project: N2 – uMgeni Road Interchange Wetland and Biodiversity Assessment**

Client: South African National Roads Agency Limited  
Project duration/date: June 2012  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking of the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the upgrading of the N2 – uMgeni Road Interchange, Durban.

**Name of Project:** N2 – Mt Edgecombe Interchange Wetland and Biodiversity Assessment

Client: South African National Roads Agency Limited  
Project duration/date: December 2012  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking of the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the upgrading of the N2 – Mt Edgecombe Interchange, Durban.

**Name of Project:** R30 Glen Lyon to Brandfort Wetland and Biodiversity Assessment

Client: South African National Roads Agency Limited  
Project duration/date: June 2008  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking of the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the upgrading of the R30 between Glen Lyon and Brandfort.

**Name of Project:** R30 Virginia to Beatrix Mine Wetland and Biodiversity Assessment

Client: South African National Roads Agency Limited  
Project duration/date: October 2008  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking of the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the upgrading of the R30 between Virginia and Beatrix Mine.

**Name of Project:** Nacala Dam rehabilitation Biodiversity Assessment

Client: Millennium Challenge Account - Mozambique  
Project duration/date: June 2010  
Job Title and Duties: Biodiversity Specialist  
Undertaking of the biodiversity specialist study in support of the Application for an Environmental Permit for the rehabilitation and raising of the Nacala Dam, Mozambique.

**Name of Project:** Bhangazi Community Tented Camp Wetland and Biodiversity Assessment

Client: Environmental Resources Management  
Project duration/date: March 2017  
Job Title and Duties: Wetland and Biodiversity Specialist  
Undertaking of the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the establishment of the Bhangazi Community Tented Camp in the isiMangoliso Wetland Park, St. Lucia.

**Name of Project:** SAPPI Ngodwana Mill Expansion Wetland and Biodiversity Assessment

Client: WSP Environmental  
Project duration/date: June 2010



**Job Title and Duties:** Wetland and Biodiversity Specialist  
Undertaking of the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the expansion of the Ngodwana Mill, Waterval Boven.

**Name of Project:** **ESKOM 22 kVA Lines Vegetation Assessments**

**Client:** ESKOM Soc

**Project duration/date:** January 2015

**Job Title and Duties:** Vegetation Specialist  
Undertaking of vegetation assessments for the establishment of various 22kVA electrification lines in KwaZulu-Natal.

**Name of Project:** **Tombo to Mafini 300kVA Line Vegetation Assessments**

**Client:** ESKOM Soc

**Project duration/date:** January 2014

**Job Title and Duties:** Vegetation Specialist  
Undertaking of vegetation assessment for the route alignment of the 300kVA high voltage electricity line from the Tombo Substation to Mafini, Port St. Johns.

**Name of Project:** **Port St. Johns Water Treatment Works Wetland and Biodiversity Assessment**

**Client:** Element Consulting Engineers

**Project duration/date:** January 2014

**Job Title and Duties:** Wetland and Biodiversity Specialist  
Undertaking of the wetland and biodiversity specialist study in support of the Application for Environmental Authorisation for the establishment of the Port St. Johns Water Treatment Works, Port St. Johns.

### ***Port and Rail Projects***

**Name of Project:** **Environmental Impact Assessment for the proposed expansion of Pier 1 within the Port of Durban**

**Client:** Transnet SOC

**Project duration/date:** January 2014 – December 2016

**Job Title and Duties:** Project Manager  
Project management duties associated with the Application for Environmental Authorisation and associated specialist studies for the proposed expansions to the Pier 1 in the Port of Durban. The Project Management Duties also included the management of the programme, cashflows, invoicing and contractual matters relating to the NEC3 contract.

**Name of Project:** **Environmental Impact Assessment for the proposed Locomotive Turn Table on the coal line in the Port of Richards Bay**

Client: Transnet SOC  
Project duration/date: April 2010 to December 2010  
Job Title and Duties: Project Manager  
Project management duties associated with the Application for Environmental Authorisation and associated specialist studies for the proposed expansions to the Locomotive Turn Table in the Port of Richards Bay. The Project Management Duties also included the management of the programme, cashflows, invoicing and contractual matters relating to the NEC3 contract.

**Name of Project: Environmental Impact Assessment for the proposed additional rail line into the Richards Bay Coal Terminal in the Port of Richards Bay**

Client: Transnet SOC  
Project duration/date: March 2011 to October 2011  
Job Title and Duties: Project Manager  
Project management duties associated with the Application for Environmental Authorisation and associated specialist studies for the proposed expansions to the additional rail line into the Richards Bay Coal Terminal in the Port of Richards Bay. The Project Management Duties also included the management of the programme, cashflows, invoicing and contractual matters relating to the NEC3 contract.

**Name of Project: Environmental Impact Assessment for the proposed Ore Handling Facility near the village of Konta, Guinea, West Africa**

Client: Bellzone  
Project duration/date: Augusts 2012 to February 2013  
Job Title and Duties: Project Manager  
Project management duties associated with the Application for Environmental Authorisation and associated specialist studies for the proposed expansion of the Ore Handling Facility near the village of Konta, Guinea, West Africa. The Project Management Duties also included the management of the programme, cashflows, invoicing and contractual matters relating to the General Conditions of Contract (GCC).

**Name of Project: Environmental Monitoring Duties for all the RME construction and maintenance projects within the Port of Durban**

Client: Transnet SOC  
Project duration/date: September 2017  
Job Title and Duties: Environmental Management of the construction and maintenance of structures and infrastructure within the Port of Durban for a duration of 3 years. The duties included conducting daily construction monitoring for the various projects as well as the submission of monthly audit reports to the client.

**Name of Project: Feasibility Study for the expansion of the cement handling facilities in Lichtenburg and Delmas**

Client: Jeffares & Green (Pty) Ltd

Project Duration/date: August 2010

Job Title and Duties: Environmental component of the Feasibility Study for the expansion of the cement handling facilities. Duties included legal compliance with the Environmental Management suite of legislation as well as addressing the biodiversity aspect of the project.

**Name of Project:** **Environmental Impact Assessment for the proposed De Jaegersdrift Coal Siding**

Client: De Jaegersdrift Colliery

Project duration/date: August 2008

Job Title and Duties: Environmental Impact Assessment for the development of a coal siding at the existing De Jaegersdrift railway siding, near Dundee. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** **Environmental Impact Assessment for the proposed Glencoe Coal Siding**

Client: Miranda Minerals

Project duration/date: June 2008

Job Title and Duties: Environmental Impact Assessment for the reopening and expansion of a coal siding at the Glencoe railway station in Glencoe. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

### **Mining Projects**

**Name of Project:** **Environmental and Social Impact Assessment for the Thubelihle Colliery near Glencoe**

Client: Thubelihle Mining

Project duration/date: July 2006

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the mining right for the Thubelihle Colliery near Glencoe. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** **Environmental and Social Impact Assessment for the Uithoek Colliery near Glencoe**

Client: Miranda Minerals

Project duration/date: September 2006

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the mining right for the Uithoek Colliery near Glencoe. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** **Environmental and Social Impact Assessment for the Burnside Colliery near Glencoe**

Client: Miranda Minerals

Project duration/date: July 2007

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the mining right for the Burnside Colliery near Glencoe. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** **Environmental and Social Impact Assessment for the Rourke's Drift Coal Mine, near Dundee**

Client: Ultimate Goal (Pty) Ltd

Project duration/date: January 2008

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the mining right for the Ultimate Goal Colliery near Glencoe. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** **Environmental and Social Impact Assessment for the Sesikhona Colliery near Dannhauser**

Client: Miranda Coal

Project duration/date: September 2010

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the mining right for the Sesikhona Colliery near Dannhauser. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** **Environmental and Social Impact Assessment for the Afrimat Ladysmith Hard Rock Quarry**

Client: Afrimat

Project Duration/date: July 2010

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the mining right for the Afrimat Hard Rock Quarry near Ladysmith. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** **Environmental and Social Impact Assessment for the Taylor's Halt Hard Rock Quarry**

Client: Canton Trading (Pty) Ltd

Project duration/date: June 2011

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the mining right for the Taylor's Halt Hard Rock Quarry near Pietermaritzburg. The duties included

the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** **Environmental and Social Impact Assessment for the uMtamvuna Hard Rock Quarry**

Client: South African National Roads Agency Limited

Project duration/date: July 2008

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the mining right for the SANRAL Hard Rock Quarry near uMtamvuna. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** **Environmental and Social Impact Assessment for the Amasundu Dolerite Quarry**

Client: Amasundu (Pty) Ltd

Project duration/date: June 2007

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the mining right for the Amasundu Dolerite Quarry near Mtunzini. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** **Environmental and Social Impact Assessment for the Lodestone Magnetite Mine in Namibia**

Client: Lodesone (Pty) Ltd

Project duration/date: September 2011

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the Lodestone Magnetite Mine in Namibia. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities. The duties also included the completion of the Environmental Rehabilitation Plan.

**Name of Project:** **Environmental and Social Impact Assessment for the expansion of the Konta Port Ore Loading Facility**

Client: Bellzone

Project duration/date: May 2013

Job Title and Duties: Project Manager

Environmental and Social Impact Assessment for the expansion of ore loading facility near the village of Konta in Guinea. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities. The duties also included the completion of the Asset Register associated with the Resettlement Action Framework.

**Name of Project:** **Environmental and Social Impact Assessment for the 80km of gravel haul road**

Client: Bellzone

Project duration/date: October 2013

**Job Title and Duties:** Project Manager  
Environmental and Social Impact Assessment for the 80km of ore haul road from the mine at Forecaria to the loading facility near the village of Konta in Guinea. The duties included the management of the process, public participation and report compilation and submission to the relevant authorities.

**Name of Project:** Performance Assessment and Monitoring audits for various mines

**Client:** Afrimat, Miranda Coal, Midmar Cruhsers, Amasundu Gravel, Lancaster Quarries, Ballito Crushers, etc.

**Project duration/date:** Ongoing

**Job Title and Duties:** Conducting the Performance Assessment and Monitoring audits for various mining operations on an annual basis.

**Name of Project:** Calculation and updates of the quantum for Financial Provision for various mines

**Client:** Afrimat, Miranda Coal, Midmar Cruhsers, Amasundu Gravel, Lancaster Quarries, Ballito Crushers, etc.

**Project duration/date:** ongoing

**Job Title and Duties:** Conducting the calculation and updates of the quantum for Financial Provision for rehabilitation for various mines.

**Name of Project:** Due diligence assessment for the sale of the Klipwal Gold Mine near Pongola

**Client:** Miranda Minerals

**Project duration/date:** June 2009

**Job Title and Duties:** Environmental Lead

Due diligence and risk assessment associated with the sale of the Klipwal Gold Mine. The assessment considered the legislated requirements of the mining operations as well as the environmental liabilities and risks that must be considered during the sale.

**Name of Project:** Due diligence assessment on the Swakop Uranium Mine on behalf of the South African Public Investment Corporation

**Client:** Public Investment Corporation

**Project duration/date:** October 2016

**Job Title and Duties:** Environmental Lead

Due diligence and risk assessment associated potential risk associated with investment in the Swakop Uranium Mine by the South African Public Investment Corporation. The assessment considered the environmental liabilities and risks that the investors may be exposed to.

## **Roads Projects**

**Name of Project:** Upgrading of the R30 between Beatrix Mine and Virginia

**Client:** South African National Roads Agency Limited

**Project duration/date:** September 2009

**Job Title and Duties:** Project Manager  
Environmental Impact Assessment for the upgrading of the R30 between Beatrix Mine and Virginia in the Free State. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** **Upgrading of the R30 between Glen Lyon and Brandfort**

**Client:** South African National Roads Agency Limited

**Project duration/date:** September 2009

**Job Title and Duties:** Project Manager  
Environmental Impact Assessment for the upgrading of the R30 between Glen Lyon and Brandfort in the Free State. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** **National Road 3 – Chota Motala Road Interchange**

**Client:** South African National Roads Agency Limited

**Project duration/date:** May 2010

**Job Title and Duties:** Project Manager  
Environmental Impact Assessment for the upgrading of the National Route 3 – Chota Motala Road Interchange in Pietermaritzburg. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** **National Road 3 – New England Road Interchange**

**Client:** South African National Roads Agency Limited

**Project duration/date:** August 2007

**Job Title and Duties:** Project Manager  
Environmental Impact Assessment for the upgrading of the National Route 3 – New England Road Interchange in Pietermaritzburg. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** **National Route 3 – Epworth Road Interchange**

**Client:** South African National Roads Agency Limited

**Project duration/date:** September 2011

**Job Title and Duties:** Project Manager  
Environmental Impact Assessment for the upgrading of the National Route 3 – Epworth Road Interchange in Pietermaritzburg. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** National Route 3 – Market Road Interchange

Client: South African National Roads Agency Limited

Project Duration/date: July 2016

Job Title and Duties: Project Manager

Environmental Impact Assessment for the upgrading of the National Route 3 – Market Road Interchange in Pietermaritzburg. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** National Route 2 – uMgeni Road Interchange

Client: South African National Roads Agency Limited

Project duration/date: August 2010

Job Title and Duties: Project Manager

Environmental Impact Assessment for the upgrading of the National Route 2 – uMgeni Road Interchange in Durban. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** National Route 2 – uMhlanga Interchange

Client: South African National Roads Agency Limited

Project duration/date: July 2012

Job Title and Duties: Project Manager

Environmental Impact Assessment for the upgrading of the National Route 2 – uMhlanga Interchange in Durban. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** National Route 2, section 27 – uThongati River to the Tongaat Toll Plaza

Client: South African National Roads Agency Limited

Project duration/date: June 2012

Job Title and Duties: Project Manager

Environmental Impact Assessment for the upgrading of the National Route 2, section 27 from the uThongati River to the Tongaat Toll Plaza in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** National Route 11, section 7 – Nkunzi River to Fort Mistake

Client: South African National Roads Agency Limited

Project duration/date: September 2010



**Job Title and Duties:** Project Manager  
Environmental Impact Assessment for the upgrading of the National Route 11, section 7 from the Nkunzi River to the Fort Mistake in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** **National Route 3 – Key Ridge Viaduct**

**Client:** South African National Roads Agency Limited

**Project duration/date:** May 2012

**Job Title and Duties:** Project Manager

Environmental Impact Assessment for the upgrading of the National Route 3, Key Ridge Viaduct in KwaZulu-Natal. . Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** **National Route 2 – Edwin Swales Interchange**

**Client:** South African National Roads Agency Limited

**Project duration/date:** October 2016

**Job Title and Duties:** Project Manager

Environmental Impact Assessment for the upgrading of the the National Route 2 – Edwin Swales Interchange in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** **National Route 5, section 22 to 27**

**Client:** South African National Roads Agency Limited

**Project duration/date:** January 2008

**Job Title and Duties:** Project Manager

Environmental Impact Assessment for the upgrading of the National Route 5, section 22 to 27 in the Free State. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

### ***Pipeline Projects***

**Name of Project:** **Mooi - Mpofana Bulk Water Supply Pipeline**

**Client:** uMgeni Water

**Project duration/date:** September 2012

**Job Title and Duties:** Project Manager

Environmental Impact Assessment for the construction of the Mooi – Mpofana Bulk Water Supply Pipeline in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist

assessments and report compilation for submission to the relevant authority.

**Name of Project:** **Bhekuzulu Rural Water Supply Scheme**

**Client:** Sukuma Consulting Engineers

**Project duration/date:** April 2016

**Job Title and Duties:** Project Manager  
Environmental Impact Assessment for the construction of the Bhekuzulu Rural Water Supply Pipeline in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** **Wembezi Rural Water Supply Scheme**

**Client:** JG Afrika (Pty) Ltd

**Project duration/date:** May 2017

**Job Title and Duties:** Project Manager  
Environmental Impact Assessment for the construction of the Wembezi Rural Water Supply Pipeline in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** **Manguzi Rural Water Supply Scheme**

**Client:** JG Afrika (Pty) Ltd

**Project duration/date:** June 2017

**Job Title and Duties:** Project Manager  
Environmental Impact Assessment for the construction of the Manguzi Rural Water Supply Pipeline in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project:** **Raising of the Nacala Dam**

**Client:** Millennium Challenge Account - Mozambique

**Project duration/date:** September 2012

**Job Title and Duties:** Project Manager  
Environmental Impact Assessment for the upgrading and raising of the Nacala Dam in Mozambique. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project: KwaHlokoHloko Rural Water Supply Scheme**

Client: MNA Consulting Engineers

Project Duration/date: July 2010

Job Title and Duties: Project Manager  
Environmental Impact Assessment for the construction of the KwaHlokoHloko Rural Water Supply Pipeline in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project: Hillside Aluminium Smelter Desalination Plant**

Client: South 32

Project duration/date: March 2017

Job Title and Duties: Environmental Project Manager  
Environmental Screening Assessment for the establishment of a desalination plant to augment the production water supply to the Hillside Aluminium Smelter in Richards Bay, KwaZulu-Natal.

**Name of Project: Mozal Aluminium Smelter Desalination Plant**

Client: South 32

Project duration/date: July 2017

Job Title and Duties: Environmental Project Manager  
Environmental Screening Assessment for the establishment of a desalination plant to augment the production water supply to the Mozal Aluminium Smelter in Maputo, Mozambique. This included the management of the specialist studies associated with the feasibility study for the proposal.

**Name of Project: Camperdown Waste Water Treatment System**

Client: MNA Consulting Engineers

Project duration/date: June 20010

Job Title and Duties: Project Manager  
Environmental Impact Assessment for the construction of Camperdown Sanitation Project in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project: KwaJobe Rural Water Supply Scheme**

Client: Jeffares &amp; Green (Pty) Ltd

Project duration/date: September 2012

Job Title and Duties: Project Manager  
Environmental Impact Assessment for the construction of the KwaJobe Rural Water Supply Pipeline in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist

assessments and report compilation for submission to the relevant authority.

**Name of Project: Underberg Sanitation System**

Client: Sisonke District Municipality

Project duration/date: May 2006

Job Title and Duties: Project Manager

Environmental Impact Assessment for the construction of Underberg Sanitation Project in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project: Himeville Sanitation System**

Client: Sisonke District Municipality

Project duration/date: October 2011

Job Title and Duties: Project Manager

Environmental Impact Assessment for the construction of Himeville Sanitation Project in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

***Private and Public Sector Development Projects***

**Name of Project: Provincial Legislature Precinct**

Client: KwaZulu-Natal Department of Public Works

Project duration/date: September 2011

Job Title and Duties: Project Manager

Environmental Impact Assessment for the establishment of the KwaZulu-Natal Legislative Precinct in Pietermaritzburg in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project: Camps Drift Mixed Used Development**

Client: Ocean Spray Investments

Project duration/date: April 2008

Job Title and Duties: Project Manager

Environmental Impact Assessment for the establishment of the Camps Drift mixed use development in Pietermaritzburg in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project: Jozini Tiger Lodge**

Client: Anton Brecher

Project duration/date: May 2011

Job Title and Duties: Project Manager

Environmental Impact Assessment for the establishment of the housing development associated with the Tiger Lodge in Jozini, in KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project: Jozini Paradise Lodge**

Client: Gert Ferreira

Project duration/date: August 2011

Job Title and Duties: Project Manager

Environmental Impact Assessment for the establishment of the Paradise Lodge in Jozini, KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**Name of Project: eNyokeni Palace Expansion**

Client: KwaZulu-Natal Department of Arts and Culture

Project duration/date: March 2014

Job Title and Duties: Project Manager

Environmental Impact Assessment for the expansion of the eNyokeni Palace near Nongoma, KwaZulu-Natal. Duties included the management of the EIA process including the public participation, specialist assessments and report compilation for submission to the relevant authority.

**CONTINUED PROFESSIONAL DEVELOPMENT****Courses, Conferences & Workshops**

2013 (September)	- IAIAAs National Conference 2013
2014 (November)	- New Techniques and Methods in EIA (Workshop)
2014 (September)	- Wetland Identification and Delineation (Short Course)
2014 (September)	- Wetland Modelling and Assessment (Short Course)
2014 (September)	- Introduction to Wetland Rehabilitation (Short Course)
2015 (February)	- 2014 EIA Regulations in Context (Seminar)
2015 (April)	- Wetland Buffer Determination (Workshop)
2016 (July)	- Department of Water Affairs c & i Training (Workshop)
2017 (February)	- IAIAAs & EDTEA EIA Regulations Overview (Seminar)
2017 (May)	- Legislative Amendments to the EIA Regulations (2014) (Training Course)
2017 (May)	- Filtration & Drainage with Geosynthetics (Training Course)

## PERSONAL DETAILS

Nationality – South African

Date of Birth – 4 September 1976

Domicile – Wartburg, KwaZulu-Natal, South Africa

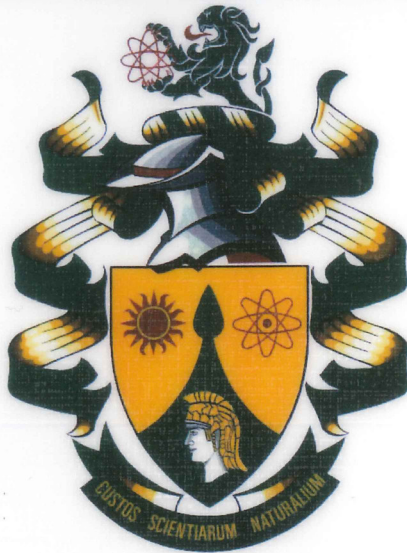
### Languages

Language	reading	speaking	writing
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent
German	Fair	Fair	Poor
Dutch	Fair	Fair	Poor
Zulu	Poor	Communication	Poor

## PROFESSIONAL REGISTRATION AND SOCIETY MEMBERSHIP:

Professionally registered with the South African Council for Natural Scientific Professionals (SACNASP Reg. No. 400335/11)

International Association of Impact Assessors – South Africa Suite, membership number 1839



THE SOUTH AFRICAN COUNCIL  
FOR  
NATURAL SCIENTIFIC PROFESSIONS

herewith certifies that

**Magnus van Rooyen**

Registration number: 400335/11

is registered as a

**Professional Natural Scientist**

in terms of section 20(3) of the Natural Scientific Professions Act, 2003

(Act 27 of 2003)

in the following field(s) of practice

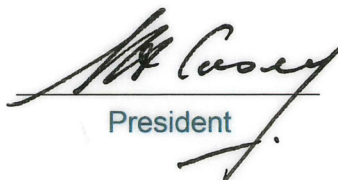
(Schedule I of the Act)

**Environmental Science**

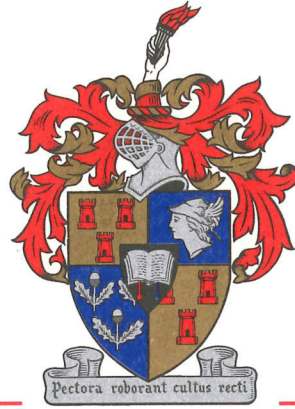
**31 August 2011**

31 August 2011

Pretoria

  
President

  
Chief Executive Officer



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# UNIVERSITY OF STELLENBOSCH

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*This is to certify that whereas*

MAGNUS VAN ROOYEN

*had complied with all the conditions prescribed  
in the Act, Statute and Rules of the University,  
the three-year degree*

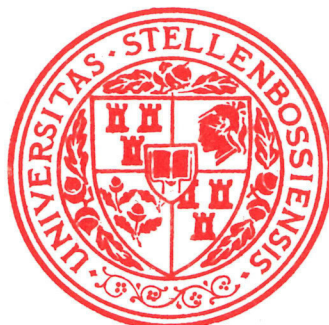
BACHELOR OF SCIENCE  
(BSc)

*with all the rights and privileges pertaining thereto was conferred on  
him at a congregation of the University in March 1998.*

RECTOR AND VICE CHANCELLOR

DEAN

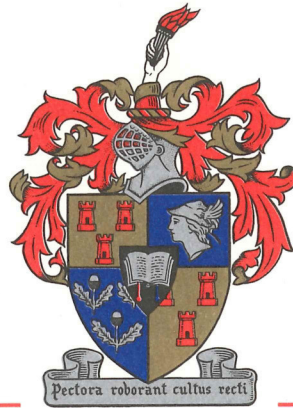
Endorsement: This is a duplicate of the original certificate, which was lost or destroyed as far as can be determined by the University.



REGISTRAR  
21 November 2006

This certificate was issued in both Afrikaans and English. In the unlikely event of an inconsistency in the wording, the Afrikaans text shall have precedence.





# UNIVERSITY OF STELLENBOSCH

*This is to certify that whereas*

MAGNUS VAN ROOYEN

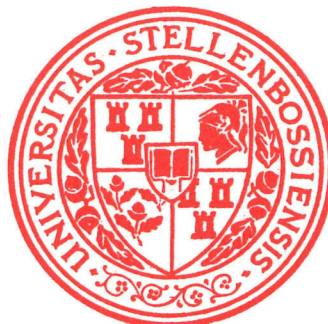
*had complied with all the conditions prescribed  
in the Act, Statute and Rules of the University,  
the degree*

BACHELOR OF SCIENCE WITH HONOURS  
(BScHons)  
cum Laude  
(Botany)

*with all the rights and privileges pertaining thereto was conferred on  
him at a congregation of the University in December 2001.*

RECTOR AND VICE-CHANCELLOR

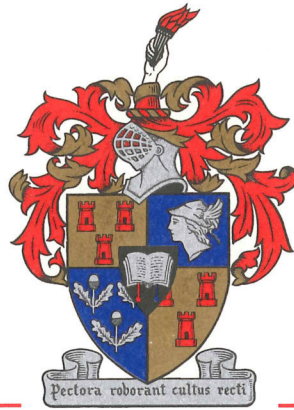
DEAN



REGISTRAR

7 December 2001

This certificate was issued in both Afrikaans and English.  
In the unlikely event of an inconsistency in the wording,  
the Afrikaans text shall have precedence.



# UNIVERSITY OF STELLENBOSCH

*This is to certify that whereas*

MAGNUS VAN ROOYEN

*had complied with all the conditions prescribed  
in the Act, Statute and Rules of the University,  
the one-year*

POSTGRADUATE CERTIFICATE IN EDUCATION  
(PGCE)

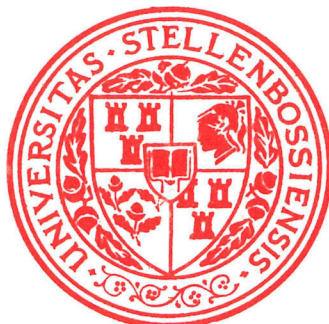
*with all the rights and privileges pertaining thereto was conferred on  
him at a congregation of the University in December 2002.*

*Chris Brink*

RECTOR AND VICE CHANCELLOR

*APark*

DEAN



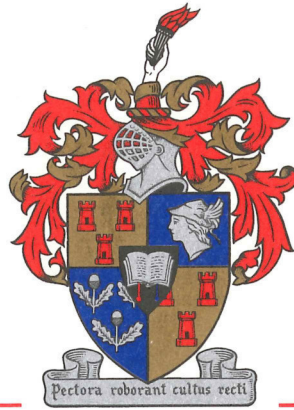
*Janey*

REGISTRAR

21 November 2006

Endorsement: This is a duplicate of the original certificate, which was lost or destroyed as far as can be determined by the University.

This certificate was issued in both Afrikaans and English. In the unlikely event of an inconsistency in the wording, the Afrikaans text shall have precedence.



# UNIVERSITY OF STELLENBOSCH

*This is to certify that whereas*

MAGNUS VAN ROOYEN

*had complied with all the conditions prescribed  
in the Act, Statute and Rules of the University,  
the degree*

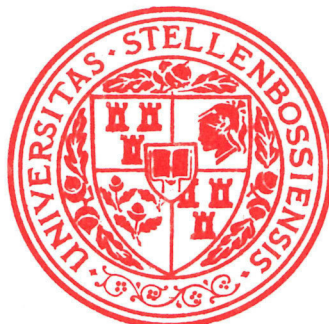
MASTER OF PHILOSOPHY  
(MPhil)  
(Environmental Management)

*with all the rights and privileges pertaining thereto was conferred on  
him at a congregation of the University in December 2004.*

*Chris Brink*

RECTOR AND VICE CHANCELLOR

*Paul J. J. van der Merwe*  
DEAN



*Janet J. J. van der Merwe*

REGISTRAR  
21 November 2006

Endorsement: This is a duplicate of the original certificate, which was lost or destroyed as far as can be determined by the University.

This certificate was issued in both Afrikaans and English. In the unlikely event of an inconsistency in the wording, the Afrikaans text shall have precedence.



IAIASa Secretariat  
Tel +27(0)11 655 7183  
Fax 086 662 9849  
Address:  
43 Birchwood Court, Montrose  
Street, Vorna Valley, Midrand, 1618  
Postal address:  
PO Box 11666, Vorna Valley, 1686  
Email: [operations@iaiasa.co.za](mailto:operations@iaiasa.co.za)  
Website: [www.iaiasa.co.za](http://www.iaiasa.co.za)

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## **IAIASa Confirmation of Membership: 2019/2020 Magnus van Rooyen      Membership Number: 1839**

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12 February 2019

### **TO WHOM IT MAY CONCERN**

Mr Magnus van Rooyen, JG Afrika (Pty) Ltd (IAIASa membership Number 1839) is a paid-up full member in good standing of the South African Affiliate of the International Association for Impact Assessment and has been a member of IAIAsa since 21 January 2007. Membership has been continuous from 21 January 2007 to date.

This membership is valid from 1 March 2019 to 28 February 2020.

IAIASa is a voluntary organisation and is not a statutory body regulating the profession. Its members are however expected to abide by the organisation's code of ethics which is available on our website.

Any enquiries regarding this membership may be directed to the Secretariat at the above contact details.

Yours Sincerely

Robyn Luyt  
IAIASa President 2018/2019

## JOHN RICHARDSON



<b>Profession</b>	<i>Environmental Assessment Practitioner</i>
<b>Position in Firm</b>	<i>Associate - Senior Environmental Consultant</i>
<b>Area of Specialisation</b>	<i>Environmental Impact Assessment and GIS</i>
<b>Qualifications</b>	<i>BSc Honours - Geography and Environmental Management</i>
<b>Years of Experience</b>	11 Years
<b>Years with Firm</b>	6.5 Years

### SUMMARY OF EXPERIENCE

Mr Richardson graduated from the School of Applied Environmental Sciences at the University of KwaZulu-Natal, Pietermaritzburg. After completing a BSc undergraduate degree in Geographical Sciences, a post-graduate BSc honours degree in Geography and Environmental Management was obtained. The latter is a multidisciplinary degree and included courses in Natural Resource Management and Sustainable Land Use, Applied Geomorphology, Environmental Modelling and Management, Advanced Remote Sensing and Geographic Information Systems (GIS). Mr Richardson's research project involved an investigation into the use of aerial photography and geographic information systems to study coastal forest loss along the KwaZulu-Natal north coast, for which he received an award for outstanding academic achievement.

On completion of his postgraduate degree Mr Richardson was employed by Afzelia Environmental Consultants in the capacity of Environmental Scientist, specialising in the field of Geographic Information Systems. He has approximately eleven years' professional experience as an environmental scientist and GIS specialist in a range of environmental and strategic planning projects, processes and applications for private, government and commercial clients. Mr Richardson has experience in conducting Environmental Screening Assessments, Basic Assessment, Scoping and Full Environmental Impact Assessment, and Section 24G compliance process under the 2006, 2010 & 2014 National Environmental Management: Environmental Impact Assessment Regulations, his experience includes Environmental Control Officer (ECO) duties and management of the GIS mapping requirements for several Biodiversity Sector Plans, Strategic Environmental Assessments, Environmental Management Frameworks and Strategic Environmental Management Plans.

Mr Richardson prescribes to the International Association for Impact Assessment South Africa (IAIAsa) code of conduct and has since 2009 been a committee member of the KwaZulu-Natal branch. He was in August 2014 elected as the IAIAsa KZN Branch Chairman and served as branch chairman for a two year term. In August 2017 Mr Richardson was elected to serve on the IAIAsa National Executive committee for a two year term. Mr Richardson has been employed by JG Afrika since June 2012 in the position of senior environmental scientist, in March 2017 Mr Richardson was promoted to the position of Associate at JG Afrika.

## SOCIETY MEMBERSHIP

IAIAsa            Membership Number 2143 – National Executive Committee Member

## EDUCATION

1996 : Matric – Alexandra High School, Pietermaritzburg

2006 : BSc (Geographical Science) – University of KwaZulu-Natal

2007 : BSc Hons (Geography and Environmental Management) – University of KwaZulu-Natal

## SPECIFIC EXPERIENCE

### JG Afrika (Pty) Ltd (Previously Jeffares & Green (Pty) Ltd)

2012 – Present

**Position** – Senior Environmental Consultant

### STRATEGIC ENVIRONMENTAL MANAGEMENT PROJECTS

**Name of Project:**            **Ugu Biodiversity Sector Plan, Ugu District Municipality**

Client:                            Ezemvelo KZN Wildlife

Project duration/date:        August 2011 – May 2013

Job Title and Duties:         GIS Specialist

Assisting the project team as the GIS specialist in the preparation of the Biodiversity Sector Plan which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

**Name of Project:**            **Ugu Environmental Management Framework (Biodiversity Report), Ugu District Municipality**

Client:                            Mott MacDonald

Project duration/date:        March 2013 – May 2013

Job Title and Duties:         GIS Specialist

Assisting the project team as the GIS specialist in the preparation of the Biodiversity component of the EMF which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

**Name of Project:**            **Newcastle Environmental Management Framework, Newcastle Local Municipality**

Client:                            Isibuko Development Planners, for Newcastle Local Municipality

Project duration/date:        May 2013 – April 2016

Job Title and Duties:         GIS Specialist

Assisting the project team as the GIS specialist in the preparation of the EMF which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

## **AMENDMENT APPLICATIONS & POST AUTHORISATION REQUIREMENTS**

**Name of Project:** **Blackhurst Manor Estate, UMngeni Local Municipality, KwaZulu-Natal (South Africa)**

Client: Blackhurst Manor (Pty) Ltd

Project duration/date: September 2012

Job Title and Duties: Environmental Assessment Practitioner  
Assisting the project team with the amendment to Environmental Authorisation and post decision requirements.

**Name of Project:** **Stockowners Business Park Amendment to Environmental Authorisation Application, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: ET Properties

Project duration/date: January 2014 – June 2014

Job Title and Duties: Environmental Assessment Practitioner  
Preparation and submission of amendment to Environmental Authorisation Application, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans.

**Name of Project:** **Gates at Hilton Residential Development Application for Approval of Maintenance Management Plan for two Agricultural Dams, UMngeni Local Municipality, KwaZulu-Natal (South Africa).**

Client: Gwen's Stream Estate (Pty) Ltd

Project duration/date: January 2016 – March 2016

Job Title and Duties: Environmental Assessment Practitioner  
Preparation and submission of a Maintenance Management Plan for works required to repair two agricultural dams located on the Gates at Hilton Estate and submission to the Provincial Department of Environmental Affairs.

**Name of Project:** **Emanzini Eco Lodge Amendment to Environmental Authorisation, UMngeni Local Municipality, KwaZulu-Natal (South Africa).**

Client: Mount Verde (Pty) Ltd

Project duration/date: July 2015 – February 2016

Job Title and Duties: Environmental Assessment Practitioner  
Preparation and submission of an Amendment to Environmental Authorisation Application to change the land use of the club house to residential use.

## **ENVIRONMENTAL SCREENING & SCOPING ASSESSMENTS**

**Name of Project:** **Willowfontein Road, Msunduzi Local Municipality, KwaZulu-Natal (South Africa)**

Client: TLS Engineers and Project Managers

Project duration/date: June 2012

Job Title and Duties: Environmental Assessment Practitioner  
Undertaking of and environmental screening process, including the preparation of a site specific Environmental Management Plan and motivational letter to the DAEA.

**Name of Project:** Kinira Dam desktop Environmental Screening Report, Eastern Cape (South Africa)

Client: Jeffares and Green (Internal Assessment)

Project duration/date: September 2012

Job Title and Duties: Environmental Assessment Practitioner  
Desktop Environmental Screening Assessment, general environmental mapping of the development site and alternatives.

**Name of Project:** Manguzi Emergency Intervention Water Supply Project, uMkhanyakude District Municipality, KwaZulu-Natal (South Africa)

Client: uMkhanyakude District Municipality

Project duration/date: January 2014 - March 2014

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment (iSimangaliso Wetland Park Reporting Standard), general environmental mapping of the development site, and the preparation of a maintenance Environmental Management Plan.

**Name of Project:** Midmar Houseboat (Lady Sharon) Environmental Screening and Management Plan Environmental, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)

Client: Tristan Taylor

Project duration/date: January 2013

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening and Impact Assessment of boat route and mooring point, general environmental mapping of the boating route, and the preparation of an Environmental Management Plan.

**Name of Project:** Elandskloof Irrigation Pipeline Environmental Screening Assessment, Theewaterskloof Local Municipality, Western Cape (South Africa)

Client: Dihlase Consulting Engineers

Project duration/date: May 2014

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** NCF Church Environmental Screening Assessment, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)

Client: NCF Church

Project duration/date: January 2014

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** Environmental Screening Assessment on Portion 33/8 Mt Verde Estate, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)

Client: Kim Declercq

Project duration/date: February 2014

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.



**Name of Project:** **Environmental Screening Assessment for Several Road and Footpath Upgrades within the Amaoti and Westbrook Areas, eThekweni Municipality, KwaZulu-Natal (South Africa)**

Client: Nankoo Engineers on Behalf of the eThekweni Municipality

Project duration/date: February 2015 – December 2016

Job Title and Duties: Environmental Assessment Practitioner  
4 year ad hoc contract for various Environmental Screening Assessments, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment on Portion 30 & 31 Mt Verde Estate, UMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Mr Gerald Conway

Project duration/date: February 2015

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment for the University of KwaZulu-Natal Residences Westville Campus, eThekweni Municipality , KwaZulu-Natal (South Africa)**

Client: University of KwaZulu-Natal

Project duration/date: April 2015

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment for the University of KwaZulu-Natal Residences Howard College Campus, eThekweni Municipality , KwaZulu-Natal (South Africa)**

Client: University of KwaZulu-Natal

Project duration/date: April 2015

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment on Portion 48 Mt Verde Estate, UMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Mr & Mrs Le Roux

Project duration/date: September 2015

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment on Portion 49 Mt Verde Estate, UMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Mr Craig Parry

Project duration/date: September 2015

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** Environmental Screening Assessment on Portion 26 Mt Verde Estate, UMgungundlovu District Municipality, KwaZulu-Natal (South Africa)

Client: Mr Garth Ellis

Project duration/date: September 2015

Job Title and Duties: Environmental Assessment Practitioner

Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** Environmental Screening Assessment for the Emberton Residential Estate Layout Changes, Gillits, eThekweni Municipality, KwaZulu-Natal (South Africa)

Client: Business Venture Investments (Pty) Ltd

Project duration/date: September 2015

Job Title and Duties: Environmental Assessment Practitioner

Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** Environmental Screening Assessment on Portion 2 of 1 of The Farm Lot 1 No 1613, Umshwathi Municipality, KwaZulu-Natal (South Africa)

Client: Mr Andre Voigts

Project duration/date: November 2015

Job Title and Duties: Environmental Assessment Practitioner

Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** Environmental Screening Assessment on Portion 64 of The Farm Hebron No. 914, UMngeni Local Municipality, KwaZulu-Natal (South Africa)

Client: Mr Anthony Crookes

Project duration/date: February 2016

Job Title and Duties: Environmental Assessment Practitioner

Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** Environmental Screening Assessment on Portion 5 of 13013, Mt Verde Estate, UMngeni Local Municipality, KwaZulu-Natal (South Africa)

Client: Mr Clinton Ross

Project duration/date: March 2016

Job Title and Duties: Environmental Assessment Practitioner

Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** Environmental Screening Assessment on The Farm Netherwood No 17610, UMngeni Local Municipality, KwaZulu-Natal (South Africa)

Client: Mr Renzo Scribante

Project duration/date: April 2016

Job Title and Duties: Environmental Assessment Practitioner

Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment for upgrades to the M13 Highway between Gillits and Westville, eThekweni Municipality, KwaZulu-Natal (South Africa)**

Client: SMEC on behalf of the Department of Transport

Project duration/date: April 2016 – October 2016

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment for various Ablution Blocks and Sewer Reticulation projects for Interim Housing Services, eThekweni Municipality, KwaZulu-Natal (South Africa)**

Client: TLS Engineers (Pty) Ltd for eThekweni Municipality

Project duration/date: July 2016 – September 2018

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment for Sugar Blending Facilities, UMngeni Local Municipality, KwaZulu-Natal (South Africa)**

Client: Millhouse Company (Pty) Ltd

Project duration/date: October 2016

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment for Hilton Life Hospital Sewer Treatment Works, UMngeni Local Municipality, KwaZulu-Natal (South Africa)**

Client: Monzali Sludge Plant (Pty) Ltd

Project duration/date: October 2016

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment for Realignment of Acacia Drive in Mount Verde Estate, UMngeni Local Municipality, KwaZulu-Natal (South Africa)**

Client: Mount Verde (Pty) Ltd

Project duration/date: December 2016

Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment for the Kangela to Pongola N2 Road Upgrade Project (150km Road Upgrade), Northern KwaZulu-Natal (South Africa)**

Client: JG Afrika (Internal Assessment)

Project duration/date: February 2017

Job Title and Duties: Environmental Assessment Practitioner

Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment for 8500 hectares of new Irrigation Schemes in Harry Gwala District Municipality, KwaZulu-Natal (South Africa)**  
Client: JG Afrika (Internal Assessment for Department of Rural Development and Land Reform)  
Project duration/date: June 2017  
Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment and environmental sensitivity identification, including site identification through negative mapping & other general environmental mapping of the site.

**Name of Project:** **Environmental Due Diligence Assessment of areas B, C and C2 of the approved Hilton Mondi, UMngeni Local Municipality, KwaZulu-Natal (South Africa)**  
Client: Mr Andre Voigts  
Project duration/date: June 2017  
Job Title and Duties: Environmental Assessment Practitioner  
Environmental Due Diligence Assessment of the environmental approvals and development requirements for the development proposal.

**Name of Project:** **Environmental Screening Assessment for The Knoll Residential Development, UMngeni Local Municipality, KwaZulu-Natal (South Africa)**  
Client: Mark Manley  
Project duration/date: August 2017  
Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessment for the University of KwaZulu-Natal Residences Pietermaritzburg Campus, Msunduzi Municipality, KwaZulu-Natal (South Africa)**  
Client: University of KwaZulu-Natal  
Project duration/date: August 2017  
Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** **Environmental Screening Assessments for 11 separate rural road upgrade projects, Msunduzi Municipality, KwaZulu-Natal (South Africa)**  
Client: Henwood & Nxumalo on behalf of Msunduzi Municipality  
Project duration/date: September 2017 – December 2018  
Job Title and Duties: Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations, design recommendations & general environmental mapping of the sites.

## SECTION 24G / NON-COMPLIANCE ASSESSMENTS

**Name of Project:** Environmental Non-Compliance requirements for Ptn 39 of Mt Verde Estate, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)  
**Client:** Rob le Sueur  
**Project duration/date:** November 2013  
**Job Title and Duties:** Environmental Assessment Practitioner  
Environmental Screening and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

**Name of Project:** Environmental Non-Compliance requirements for Ptn 38 of Mt Verde Estate, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)  
**Client:** Simon Dix  
**Project duration/date:** December 2013  
**Job Title and Duties:** Environmental Assessment Practitioner  
Environmental Screening and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

**Name of Project:** Environmental Non-Compliance Investigations and Reporting Requirements for on Portion 5 Farm Hooper 14147 Hibberdene, Ugu District Municipality, KwaZulu-Natal (South Africa)  
**Client:** Gerry Vermeulen  
**Project duration/date:** April 2013  
**Job Title and Duties:** Environmental Assessment Practitioner  
Environmental Screening and compliance assessments, including site investigations, liaison with specialists, preparation of locality maps and layout plans, and the preparation of response report submission to the Department Agriculture and Environmental Affairs.

**Name of Project:** Environmental Non-Compliance Investigations and Reporting Requirements for on the Remainder of Erf 970 Port Edward, Ugu District Municipality, KwaZulu-Natal (South Africa)  
**Client:** Craig Robertson  
**Project duration/date:** September 2013  
**Job Title and Duties:** Environmental Assessment Practitioner  
Environmental Screening and compliance assessments, including site investigations, liaison with specialists, preparation of locality maps and layout plans, and the preparation of response report submission to the Department Agriculture and Environmental Affairs.

**Name of Project:** Environmental Non-Compliance requirements for a dam constructed on Ptn 1, 2 and 3 of the Farm Riverholm in Nottingham Road, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)  
**Client:** Clive Garlic  
**Project Duration/date:** December 2013 – July 2014  
**Job Title and Duties:** Environmental Assessment Practitioner

Environmental Screening and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

**Name of Project:** **Environmental Non-Compliance requirements on Voscham Stud for construction activities within a wetland and on the banks of the Mooi River in Nottingham Road, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

**Client:** Chris Vos

**Project duration/date:** December 2013 – December 2014

**Job Title and Duties:** Environmental Assessment Practitioner  
Environmental Screening and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

**Name of Project:** **Environmental Non-Compliance requirements for construction of a Tented Camp and Lapa area constructed on Portion 49 Mt Verde Estate, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

**Client:** Mr Craig Parry

**Project duration/date:** December 2014 – March 2015

**Job Title and Duties:** Environmental Assessment Practitioner  
Environmental Screening and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

**Name of Project:** **Environmental Non-Compliance requirements for construction of 8 Agricultural Dams on the Mt Verde Estate, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

**Client:** Mount Verde (Pty) Ltd

**Project duration/date:** July 2014 - Ongoing

**Job Title and Duties:** Environmental Assessment Practitioner  
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and assistance with appeal procedures.

**Name of Project:** **Environmental Non-Compliance requirements for construction of a Perimeter Fence Line on the Mt Verde Estate, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

**Client:** Mount Verde (Pty) Ltd

**Project duration/date:** July 2014 - November 2014

**Job Title and Duties:** Environmental Assessment Practitioner  
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

**Name of Project:** **Environmental Non-Compliance requirements for dumping of process waste, UMGungundlovu District Municipality, KwaZulu-Natal (South Africa)**

**Client:** Willowton Oil (Pty) Ltd

**Project duration/date:** December 2015 - February 2016

**Job Title and Duties:** Environmental Assessment Practitioner

Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

**Name of Project:** **Environmental Non-Compliance requirements for clearance of more than 1 hectare of indigenous vegetation and construction of a weir in a watercourse, PTN 45 Mount Verde Estate, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

**Client:** George Sabatta

**Project duration/date:** January 2017 - July 2017

**Job Title and Duties:** Environmental Assessment Practitioner

Compliance application, assessments and rehabilitation plan, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

**Name of Project:** **Environmental Non-Compliance requirements for Maintenance of a Water Supply Dam at Hilton College, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

**Client:** Hilton College

**Project duration/date:** June 2018 - July 2018

**Job Title and Duties:** Environmental Assessment Practitioner

Environmental Screening and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

**Name of Project:** **Environmental Non-Compliance requirements for Construction of a 54 Metre High Steel Lattice Telecommunications Mast on the Hilton College Estate, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

**Client:** MTN

**Project duration/date:** June 2018 - August 2018

**Job Title and Duties:** Environmental Assessment Practitioner

Environmental Screening and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

## ENVIRONMENTAL CONTROL OFFICER DUTIES

**Name of Project:** **Bulk Service Installation for the Gates at Hilton Residential Development, Hilton, KwaZulu-Natal (South Africa)**  
**Client:** Gwens Stream Estate (Pty) Ltd for Hilton College School  
**Project duration/date:** June 2012 – March 2013  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

**Name of Project:** **P368 Road Upgrade, Muden, KwaZulu-Natal (South Africa)**  
**Client:** Royal HaskoningDHV for DoT  
**Project duration/date:** June 2012 – June 2013  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

**Name of Project:** **Construction for the Qudeni Link Road, Qudeni, KwaZulu-Natal (South Africa)**  
**Client:** Royal HaskoningDHV for DoT  
**Project duration/date:** June 2012 – December 2018  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

**Name of Project:** **Upgrading of the Nsuze River Bridge, Qudeni, KwaZulu-Natal (South Africa)**  
**Client:** Royal HaskoningDHV for DoT  
**Project duration/date:** June 2013 – June 2014  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of bi-weekly Audit Reports for submission to the competent authority (EDTEA)

**Name of Project:** **Ndumo Access Road Upgrade, Josini, KwaZulu-Natal (South Africa)**  
**Client:** Royal HaskoningDHV for DoT  
**Project duration/date:** June 2012 – December 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)



- Name of Project:** **Bulk Service Installation for the Gates at Hilton Residential Development Phase 2, Hilton, KwaZulu-Natal (South Africa)**  
**Client:** Gwens Stream Estate (Pty) Ltd for Hilton College School  
**Project duration/date:** June 2015 – May 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)
- Name of Project:** **Construction of Hilton Life Hospital, Hilton, KwaZulu-Natal (South Africa)**  
**Client:** A3 Architects (Pty) Ltd for Life Hospitals  
**Project duration/date:** September 2015 – May 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports
- Name of Project:** **Construction of Hilton Health Doctors Suites, Hilton, KwaZulu-Natal (South Africa)**  
**Client:** Never Ending Trust (Pty) Ltd  
**Project duration/date:** September 2015 – May 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports
- Name of Project:** **Mthandeni Agricultural Irrigation Project, Stanger, Ilembe District Municipality, KwaZulu-Natal (South Africa)**  
**Client:** East Coast Irrigation (Pty) Ltd  
**Project duration/date:** October 2015 – December 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)
- Name of Project:** **Construction of the Emberton Residential Estate, Gillits, eThekweni Municipality, KwaZulu-Natal (South Africa)**  
**Client:** Business Venture Investments (Pty) Ltd  
**Project duration/date:** February 2016 – Present  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project, auditing compliance during construction works and project management. Preparation and review of monthly Audit Reports for submission to the competent authority (EDTEA) and eThekweni Municipality

## **SCOPING & FULL EIA APPLICATIONS**

**Name of Project:** N3 Key Ridge Viaduct Bypass, eThekweni Municipality, KwaZulu-Natal (South Africa)

**Client:** SANRAL

**Project duration/date:** December 2012 – Present (put on hold from 2014 – 2018)

**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping Report, full Environmental Impact Report and Environmental Management Plan.

**Name of Project:** Relocation Action Plan for the establishment of a port at the village of Konta, Guinea, West Africa

**Client:** Bellzone

**Project duration/date:** June 2013

**Job Title and Duties:** Environmental and Social Impact Assessor  
Undertaking of the RAP process, including site investigations, public consultation, GIS analysis, property and compensation valuations and preparation of the RAP report.

**Name of Project:** Environmental and Social Impact Assessment for the 200km of haul road from Kalia to Yomboveli in Guinea, West Africa

**Client:** Bellzone

**Project duration/date:** October 2013

**Job Title and Duties:** Environmental and Social Impact Assessor  
Undertaking of the preliminary ESIA process and environmental management requirements for a Greenfields 200km mining haulage road.

**Name of Project:** Langeberg / Bayhead New Arterial Road from Back of Port to N2, eThekweni Municipality, KwaZulu-Natal (South Africa)

**Client:** EThekweni Transport Authority

**Project duration/date:** January 2014 – February 2015

**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping Report, full Environmental Impact Report and Environmental Management Plan.

## **BASIC ASSESSMENT APPLICATIONS**

**Name of Project:** Umgeni Tented Camp, UMngeni Local Municipality, KwaZulu-Natal (South Africa)

**Client:** Hi Zone

**Project duration/date:** July 2012 – January 2013

**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and

layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Spioenkop-Ladysmith Regional Bulk Water Supply, uThukela District Municipality, KwaZulu-Natal (South Africa)**

Client: WMN Consultancy (Pty) Ltd

Project duration/date: September 2012 – January 2016

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Hlabisa Rural Road Upgrade, Hlabisa Local Municipality, KwaZulu-Natal (South Africa)**

Client: Mzansi Africa Civils

Project duration/date: September 2012 – January 2014

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Ashdown Stream Bank Rehabilitation, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: Msunduzi Municipality

Project duration/date: January 2014 – January 2016

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Stockowners Business Park Water and Sewage Supply Basic Assessment Application, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)**

Client: ET Properties

Project duration/date: January 2014 - Present

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Ndumo Project 3 Road Upgrade from Ndumo to Ekuhleleni (D1841, D1842, D1884), uMkhanyakude District Municipality, KwaZulu-Natal (South Africa)**

Client: Department of Transport

Project duration/date: March 2014 – January 2017

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Woodhouse Road Pedestrian Bridge, uMgungundlovu District Municipality, KwaZulu-Natal (South Africa)  
**Client:** Msunduzi Municipality  
**Project duration/date:** May 2014 – February 2015  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Nsezi Road Upgrade Project Richards Bay, uMhlatuze Local Municipality, KwaZulu-Natal (South Africa)  
**Client:** uMhlatuze Water  
**Project duration/date:** March 2015 – December 2016  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Hilton Dairy Residential Development, Hilton, uMngeni Local Municipality, KwaZulu-Natal (South Africa)  
**Client:** Gwens Stream Estate (Pty) Ltd  
**Project duration/date:** November 2015 – January 2018  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Mount Verde Phase 2 Residential Development, Hilton, uMngeni Local Municipality, KwaZulu-Natal (South Africa)  
**Client:** Mount Verde (Pty) Ltd  
**Project duration/date:** November 2015 – September 2018  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Smozomeni Road Upgrade, Richmond, uMngeni Local Municipality, KwaZulu-Natal (South Africa)  
**Client:** Richmond Municipality  
**Project duration/date:** January 2016 – January 2017  
**Job Title and Duties:** Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Fawnlees Sand Mining Application for City Sands, uMzinyathi District Municipality, Kwazulu-Natal (South Africa)**  
**Client:** City Sands (Pty) Ltd  
**Project duration/date:** February 2016 – May 2016  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Upgrades to the M13 Highway between Gillits and Westville, eThekweni Municipality, Kwazulu-Natal (South Africa)**  
**Client:** SMEC on behalf of the Department of Transport  
**Project duration/date:** May 2016 – Present (on hold)  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Proposed Establishment of a Truffle Farm, uMngeni Local Municipality, Kwazulu-Natal (South Africa)**  
**Client:** Dr Philip Hartwig  
**Project duration/date:** January 2017 – January 2018  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Capacity Upgrades on the N2 between Umtentweni and Hibberdene Ugu District Municipality, Kwazulu-Natal (South Africa)**  
**Client:** SANRAL / Ingerop  
**Project duration/date:** April 2018 – Ongoing  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Capacity Upgrades on the N2 between Mbizana and River and Marburg interchange Ugu District Municipality, Kwazulu-Natal (South Africa)**  
**Client:** SANRAL / Madan Singh and Associates cc  
**Project duration/date:** July 2018 – Ongoing  
**Job Title and Duties:** Environmental Assessment Practitioner

Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

## **Afzelia Environmental Consultants**

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**2007 – 2012**

**Position** – Environmental Consultant

### **STRATEGIC ENVIRONMENTAL MANAGEMENT PROJECTS**

**Name of Project:** uThukela Biodiversity Sector Plan, uThukela District Municipality, KwaZulu-Natal (South Africa)

**Client:** Ezemvelo KZN Wildlife

**Project duration/date:** July 2008 – January 2009

**Job Title and Duties:** GIS Specialist

Assisting the project team as the GIS specialist in the preparation of a biodiversity sector plan which involved the gathering and management of digital data from a variety of public and private sources, assessment of various environmental aspects of the project, preparation of relevant data, mapping and GIS analysis.

**Name of Project:** Zululand Biodiversity Sector Plan, Zululand District Municipality, KwaZulu-Natal (South Africa)

**Client:** Ezemvelo KZN Wildlife

**Project duration/date:** December 2008 – June 2010

**Job Title and Duties:** GIS Specialist

Assisting the project team as the GIS specialist in the preparation of a biodiversity sector plan which involved the gathering and management of digital data from a variety of public and private sources, assessment of various environmental aspects of the project, preparation of relevant data, mapping and GIS analysis.

**Name of Project:** Impendle Strategic Environmental Management Plan, Impendle Local Municipality

**Client:** Impendle Local Municipality

**Project duration/date:** August 2009 – February 2010

**Job Title and Duties:** GIS Specialist

Assisting the project team as the GIS specialist in the preparation of the SEMP which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

**Name of Project:** **Umdoni Strategic Environmental Assessment (SEA), Umdoni Local Municipality**

Client: Umdoni Local Municipality

Project duration/date: October 2010 – May 2012

Job Title and Duties: GIS Specialist

Assisting the project team as the GIS specialist in the preparation of the SEA which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

**Name of Project:** **UMgungundlovu Strategic Environmental Assessment (SEA)**

Client: UMgungundlovu District Municipality

Project duration/date: June 2011 – June 2012

Job Title and Duties: GIS Specialist

Assisting the project team as the GIS specialist in the preparation of the SEA which involves the gathering and management of digital data from a variety of public and private sources, assessment of various environmental and planning aspects of the project, preparation of relevant data, mapping and GIS analysis.

**Name of Project:** **Umzumbe SDF, Ugu District Municipality**

Client: Thorn-ex on behalf of the Umzumbe Local Municipality

Project duration/date: January 2012 – March 2012

Job Title and Duties: GIS Specialist

Assisting Thorn-ex as the GIS specialist in the preparation and review of the SDF, GIS mapping analysis and outputs.

## **ENVIRONMENTAL SCREENING & SCOPING ASSESSMENTS**

**Name of Project:** **Environmental investigations for Winston House Office Development, Gillitts, KwaZulu-Natal (South Africa)**

Client: Mrs. S. Kramer

Project duration/date: January 2008 – June 2008

Job Title and Duties: Environmental Assessment Practitioner

Preparation of locality maps, the preparation of an Environmental Scoping Report and Environmental Management Plan.

**Name of Project:** **Treasure Cove Housing Development, Hilton, KwaZulu-Natal (South Africa)**

Client: Treasure Cove Trust

Project duration/date: December 2007 – October 2008

Job Title and Duties: Environmental Assessment Practitioner and GIS Specialist

Undertaking of the EIA process, including extensive site investigations, liaison with specialists, the preparation of locality maps, layout plans and wetland and forest delineation zone maps.

**Name of Project:** Morton Haven Waterfront Residential and Recreational Resort, Midmar Dam, Umgeni Municipality

Client: Bruce Peattie, Confluence Property Company

Project duration/date: February 2008

Job Title and Duties: GIS Specialist

Contouring, slope and aspect analysis, and the preparation of a TIN terrain model and 3-D fly-over.

**Name of Project:** Ngwenya Sand Winning Project, Eston, KwaZulu-Natal (South Africa)

Client: Ngwenya Sand

Project duration/date: April 2008

Job Title and Duties: Environmental Assessment Practitioner

Undertaking of environmental investigations for the preparation of an Environmental Management Plan for submission to the Department of Minerals and Energy, including extensive site investigations, public participation, and the preparation of locality maps.

**Name of Project:** Cato Ridge Mixed Use Development, Cato Ridge, KwaZulu-Natal (South Africa)

Client: Andrew Barnes, Barnes Property

Project duration/date: August 2008

Job Title and Duties: Environmental Assessment Practitioner

Environmental Screening and general environmental mapping of the development site.

**Name of Project:** Corndene Lakeside Resort, uMshwati Local Municipality, KwaZulu-Natal (South Africa)

Project duration/date: May 2008

Job Title and Duties: GIS Specialist

GIS analysis and mapping for the Visual Impact Assessment study.

**Name of Project:** Nondela Powerline Project, Tugela Valley, KwaZulu-Natal (South Africa)

Project duration/date: April 2008

Job Title and Duties: GIS Specialist

Preparation of route maps and Ezemvelo KZN Wildlife (EZKZNW) Conservation Plan (C-Plan) Evaluation and vegetation zone assessment maps.

**Name of Project:** Old Halliwell, Howick, KwaZulu-Natal (South Africa)

Client: SSI Engineers and Environmental Consultants on behalf of the Developer

Project duration/date: March 2011 – April 2011

Job Title and Duties: Environmental Assessment Practitioner

Environmental Screening and general environmental mapping of the proposed development site.



## SECTION 24G / NON-COMPLIANCE ASSESSMENTS

**Name of Project:** Angels Way Airstrip and Skydiving Club, Eston, KwaZulu-Natal (South Africa)  
**Client:** Howick Retirement Villages (Pty) Ltd  
**Project duration/date:** January 2010 – May 2012  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the Section 24G process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Section 24G Report and Environmental Management Plan.

## ENVIRONMENTAL CONTROL OFFICER DUTIES

**Name of Project:** Cobblers Hill Housing Development, Nottingham Road, KwaZulu-Natal (South Africa)  
**Client:** Mr. Basil Mayne  
**Project duration/date:** June 2007  
**Job Title and Duties:** Environmental Control Officer  
Assisted in the preparation of, and auditing compliance with, an Environmental Management Plan.

**Name of Project:** D1130 Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)  
**Client:** SNA Engineers (Pty) Ltd  
**Project duration/date:** December 2008 – September 2009  
**Job Title and Duties:** Environmental Control Officer  
Preparation of a construction phase Environmental Management Plan and auditing compliance for the construction phase of development. Preparation of monthly Audit Reports for the client.

**Name of Project:** Installation of a Sodium Hypochlorite (NaOCL) Bleach Plant, Cato Ridge, KwaZulu-Natal (South Africa)  
**Client:** NCP Chlorchem (Pty) Ltd  
**Project duration/date:** December 2008 – January 2010  
**Job Title and Duties:** Environmental Control Officer  
Auditing compliance with an Environmental Management Plan for the construction phase of development, and producing monthly Audit Reports for the competent authority (DAEA).

**Name of Project:** Willowfountain Stream Rehabilitation Works , Pietermaritzburg, KwaZulu-Natal (South Africa)  
**Client:** Msunduzi Local Municipality  
**Project duration/date:** March 2009 – January 2010  
**Job Title and Duties:** Environmental Control Officer  
Preparation of a construction phase Environmental Management and Rehabilitation Plan and auditing compliance during rehabilitation works. Preparation of monthly Audit Reports for the competent authorities (DAEA and the Department of Water Affairs and Forestry).

**Name of Project:** **Wembezi Highway Interchange, Estcourt, KwaZulu-Natal (South Africa)**

Client: Stedone for SANRAL

Project duration/date: September 2009 – June 2010

Job Title and Duties: Environmental Control Officer

Monthly auditing of compliance during construction works.  
Preparation of quarterly Audit Reports for the competent authority (DEAT).

**Name of Project:** **Ohlanga Pump station and Rising Main, eThekwini, KwaZulu-Natal (South Africa)**

Client: Aurecon Group for eThekwini Municipality

Project duration/date: September 2009 – May 2012

Job Title and Duties: Environmental Control Officer

Bi monthly auditing of compliance during construction works.  
Preparation of quarterly Audit Reports for the competent authority (DAEARD).

**Name of Project:** **Moss Kolnick Interchange Upgrade, eThekwini, KwaZulu-Natal (South Africa)**

Client: SSI Engineers and Environmental Consultants for SANRAL

Project duration/date: March 2010 – May 2012

Job Title and Duties: Environmental Control Officer

Monthly auditing of compliance during construction works.  
Preparation of monthly Audit Reports for the competent authority (DAEARD).

**Name of Project:** **Freightpak Warehouse Expansion, eThekwini, KwaZulu-Natal (South Africa)**

Client: Freightpak (Pty) Ltd

Project duration/date: February 2011 – May 2012

Job Title and Duties: Environmental Control Officer

Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works.  
Preparation of monthly Audit Reports for submission to the competent authority (DAEARD).

**Name of Project:** **KwaMashu Waste Water Treatment Works Incinerator, eThekwini, KwaZulu-Natal (South Africa)**

Client: Coal and Waste Utilisation (Pty) Ltd for eThekwini Water and Sanitation

Project duration/date: March 2011

Job Title and Duties: Environmental Control Officer

Developing a suitable Audit Report Form for the facility, undertaking of a once off site and process audit of the operational phase of the Incinerator Plant.

**Name of Project:** Bulk Connections Island View Coal Terminal, eThekweni, KwaZulu-Natal (South Africa)  
**Client:** Bulk Connections (Pty) Ltd  
**Project duration/date:** March 2011 – October 2011  
**Job Title and Duties:** Environmental Control Officer  
Preparation of a construction phase Environmental Management and Rehabilitation Plan and auditing compliance during construction works. Preparation of monthly Audit Reports for the client.

### **SCOPING & FULL EIA APPLICATIONS**

**Name of Project:** Emberton Estate, Gillitts, KwaZulu-Natal (South Africa)  
**Project duration/date:** June 2008 – January 2011  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping Report, Environmental Impact Report and Environmental Management Plan.

**Name of Project:** Blackhurst Manor Residential Development, Midmar, KwaZulu-Natal (South Africa)  
**Client:** Bruce Peattie, Blackhurst Manor Estate (Pty) Ltd  
**Project duration/date:** January 2009 – October 2012  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping and Environmental Impact Report and Environmental Management Plan.

**Name of Project:** Kingussie Land Cultivation Application, Nottingham Road, KwaZulu-Natal (South Africa)  
**Client:** Turner Farming (Pty) Ltd  
**Project duration/date:** March 2009 – January 2010  
**Job Title and Duties:** Environmental Assessment Practitioner and GIS Specialist  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Scoping and Environmental Impact Report and Environmental Management Plan.

### **BASIC ASSESSMENT APPLICATIONS**

**Name of Project:** Msenga Office Park, Gillitts, KwaZulu-Natal (South Africa)  
**Client:** Msenga Developments Pty (Ltd)  
**Project duration/date:** January 2008 – August 2008  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including extensive site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of Basic Assessment Report and Environmental Management Plan.

- Name of Project:** **Hamilton Office Park, Gillitts, KwaZulu-Natal (South Africa)**  
Client: Whiteoaks Trading Pty (Ltd)  
Project duration/date: January 2008 – February 2009  
Job Title and Duties: Environmental Assessment Practitioner  
Undertaking of the EIA process, including extensive site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of Basic Assessment Report and Environmental Management Plan.
- Name of Project:** **Macambini Water Pipeline Project, Tugela Valley, KwaZulu-Natal (South Africa)**  
Client: Goba Consulting Engineers (Pty) Ltd  
Project duration/date: January 2008 – September 2008  
Job Title and Duties: Environmental Assessment Practitioner  
Undertaking of the EIA process, including extensive site investigations using GPS and liaison with specialists.
- Name of Project:** **Zuivergoud Cultivation Project, Nottingham Road, KwaZulu-Natal (South Africa)**  
Client: J.J. van de Velde  
Project duration/date: December 2007 – March 2009  
Job Title and Duties: Environmental Assessment Practitioner and GIS Specialist  
Undertaking of the EIA process, including extensive site investigations, public participation, liaison with specialists, the preparation of locality maps, layout plans, preparation of Background Information Documents, the preparation of Basic Assessment Report and Environmental Management Plan.
- Name of Project:** **Umlazi Urban Framework Development Plan Upgrade, eThekweni Metropolitan Municipality, KwaZulu-Natal (South Africa)**  
Client: eThekweni Municipality Strategic Projects Department  
Project duration/date: November 2008 – June 2009  
Job Title and Duties: Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.
- Name of Project:** **Amber Valley Retirement Village Extension, Howick, KwaZulu-Natal (South Africa)**  
Client: Howick Retirement Villages (Pty) Ltd  
Project duration/date: December 2008 – February 2009  
Job Title and Duties: Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.
- Name of Project:** **Willowfountain Stream Rehabilitation Works , Pietermaritzburg, KwaZulu-Natal (South Africa)**  
Client: Msunduzi Local Municipality

Project duration/date: March 2009 – April 2009  
Job Title and Duties: Environmental Control Officer  
Preparation of a construction phase Environmental Management and Rehabilitation Plan and auditing compliance during rehabilitation works.  
Preparation of monthly Audit Reports for the competent authorities (DAEA and the Department of Water Affairs and Forestry).

**Name of Project:** **Ndumo Road Upgrade, Jozini Local Municipality**  
Client: SSI Engineers  
Project duration/date: July 2009 – July 2010  
Job Title and Duties: Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Burger Street Upgrade and Extension, Pietermaritzburg, KwaZulu-Natal (South Africa)**  
Client: Msunduzi Local Municipality  
Project duration/date: October 2009 – January 2011  
Job Title and Duties: Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Ballito Interchange Upgrade, Ballito, KwaZulu-Natal (South Africa)**  
Client: Vela VKE Engineers on behalf of the South African National Roads Agency Limited (SANRAL)  
Project duration/date: December 2009 – January 2011  
Job Title and Duties: Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **N2 Flood Protection Works, Riverhorse Valley EThekweni Metro, KwaZulu-Natal (South Africa)**  
Client: UWP Consulting Engineers on behalf of the South African National Roads Agency Limited (SANRAL)  
Project duration/date: December 2009  
Job Title and Duties: Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Willowfountain Gravel Road Upgrade, Edendale, KwaZulu-Natal (South Africa)**  
Client: Msunduzi Local Municipality  
Project duration/date: December 2009 – March 2011

**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **N11 Interchange Upgrade, Ladysmith, KwaZulu-Natal (South Africa)**  
**Client:** SSI Engineers and Environmental Consultants on behalf of the South African National Roads Agency Limited (SANRAL)

**Project duration/date:** January 2010 – March 2011

**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Amber Ridge Residential Estate, Howick, KwaZulu-Natal (South Africa)**

**Client:** Dr Vaughn Armstrong

**Project duration/date:** December 2010 – March 2011

**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Umlaas Road Warehousing, Camperdown KwaZulu-Natal (South Africa)**

**Client:** Collins Property Group

**Project duration/date:** January 2012 – May 2012

**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a draft Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Makhabeleni Bulk Water Supply Project, uMzinyathi District Municipality KwaZulu-Natal (South Africa)**

**Client:** MSW Consulting Engineers

**Project duration/date:** January 2012 – May 2012

**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** **Sundumbili Bulk Water Supply Project, Mandeni Local Municipality, KwaZulu-Natal (South Africa)**

**Client:** SSI Engineers and Environmental Consultants

**Project duration/date:** January 2012 – May 2012

**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and

layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

## CONTINUED PROFESSIONAL DEVELOPMENT

### Courses, Conferences & Workshops

2008 (November)	- Real World EIA (Training Course)
2013 (September)	- IAIA National Conference 2013
2014 (September)	- IAIA National Conference 2014
2014 (November)	- New Techniques and Methods in EIA (Workshop)
2015 (February)	- 2014 EIA Regulations in Context (Seminar)
2015 (October)	- IAIA National Conference 2015
2016 (July)	- Department of Water Affairs c & i Training (Workshop)
2017 (February)	- IAIA & EDTEA EIA Regulations Overview (Seminar)
2017 (May)	- Introduction to Geosynthetics (Training Course)
2017 (May)	- Filtration & Drainage with Geosynthetics (Training Course)
2017 (September)	- The Role of GIS in IEM-ENV 322 Lecture UKZN (Presenter)
2018 (May)	- IAIA18 International Conference: Environmental Justice in Societies in Transition (Delegate)
2018 (September)	- The Role of GIS in IEM-ENV 322 Lecture UKZN (Presenter)

## PERSONAL DETAILS

Nationality – South African & British

Date of Birth – 1979-06-18

Domicile – Hilton, KwaZulu-Natal, South Africa

### Languages

English – Very Good

Afrikaans – Fair



# UNIVERSITY OF KWAZULU-NATAL

The Universities of Durban-Westville and Natal merged  
to become the University of KwaZulu-Natal on 1 January 2004

This is to certify that

**John Richardson**

was admitted this day  
at a congregation of the University  
to the degree of

**Bachelor of Science  
(Geographical Sciences)**

having satisfied the conditions prescribed for the degree.



M W Makgoba  
Vice-Chancellor

E Mteney  
Registrar

J A Cooke  
Dean

21 April 2007

LIV PROTECTED





# UNIVERSITY OF KWAZULU-NATAL

The Universities of Durban-Westville and Natal merged  
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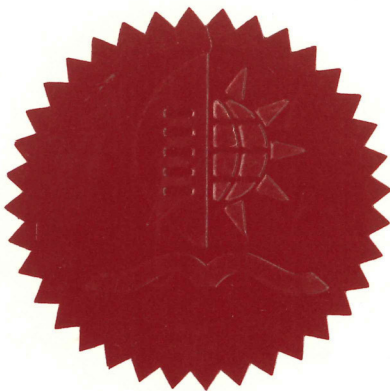
This is to certify that

**John Richardson**

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to the degree of

**Bachelor of Science Honours  
(Environmental Management)**

having satisfied the conditions prescribed for the degree.



M W Makgoba  
Vice-Chancellor

J J Meyerowitz  
Acting Registrar

J A Cooke  
Dean

14 April 2008

LIV PROTECTED



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Website: [www.iaiasa.co.za](http://www.iaiasa.co.za)

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## **IAIASa Confirmation of Membership: 2019/2020**

**John Richardson                      Membership Number: 2143**

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12 February 2019

### **TO WHOM IT MAY CONCERN**

Mr John Richardson, JG Afrika (Pty) Ltd (IAIASa membership Number 2143) is a paid-up full member in good standing of the South African Affiliate of the International Association for Impact Assessment and has been a member of IAIAsa since 4 December 2007. Membership has been continuous from 4 December 2007 to date.

This membership is valid from 1 March 2019 to 28 February 2020.

IAIASa is a voluntary organisation and is not a statutory body regulating the profession. Its members are however expected to abide by the organisation's code of ethics which is available on our website.

Any enquiries regarding this membership may be directed to the Secretariat at the above contact details.

Yours Sincerely

Robyn Luyt  
IAIASa President 2018/2019

## RIONA PATAK



<b>Profession</b>	<i>Environmental Scientist</i>
<b>Position in Firm</b>	<i>Environmental Scientist</i>
<b>Area of Specialisation</b>	<i>Environmental Impact Assessment, GIS</i>
<b>Qualifications</b>	<i>BSc Hons Environmental Science</i>
<b>Years of Experience</b>	<i>6 Years</i>
<b>Years with Firm</b>	<i>6 Years</i>

### SUMMARY OF EXPERIENCE

Ms Patak graduated from the School of Agriculture, Earth and Environmental Science at the University of KwaZulu-Natal, Pietermaritzburg. Ms Patak has completed a BSc undergraduate degree in Life and Earth Sciences, and post-graduate BSc honours degree in Environmental Science.

Ms Patak is an Environmental Scientist and Geographic Information's Systems (GIS) Analyst. Her experience within the environmental sector includes Environmental Impact Assessments, Environmental Screening, developing Environmental Management Programmes and extensive Environmental Compliance Monitoring. Project assortment within the GIS field includes 3D modelling, spatial analyses, management of GIS systems (including standards, databases, processes and operating procedures), execution of technical GIS related project work, including but not limited to capturing, acquisition, checking, digitising, and collation, conversion, projecting and processing of project data, mapping, database compilation, reporting and analysing.

Ms Patak is a member of the International Association for Impact Assessment South Africa, KwaZulu-Natal, Provincial Branch (IAIASa), and the Geo-Information Society of South Africa (GISSA) and subscribes to both organisations Code of Ethics. Ms Patak has served terms as Secretary and Treasurer on the IAIAsa KZN Branch Committee.

### SOCIETY MEMBERSHIP

<b>IAIASa</b>	Membership Number 3317 – Provincial Committee Member
<b>GISSA</b>	Member Since 2014

### EDUCATION

- 2006 - Matric** – Raisethorpe Secondary School, Pietermaritzburg
- 2010 - BSc** (Life and Earth Sciences) – University of KwaZulu-Natal
- 2011 – BSc Hons** (Environmental Science) – University of KwaZulu-Natal

## SPECIFIC EXPERIENCE

### JG Afrika (Pty) Ltd (Previously Jeffares & Green (Pty) Ltd)

February 2013 – December 2013

Position – GIS Graduate

#### Geographic Information Sciences

**Name of Project:** Micaune Port & Rail Project, Mozambique

Client: Bergstan Africa

Project duration/date: 2013

Job title and duties: GIS Graduate

Catchment delineation for the hydrology aspect of the project. GIS Support.

**Name of Project:** Jeffares & Green Spatial Data Centre, Pietermaritzburg, KwaZulu-Natal (South Africa)

Client: Jeffares & Green (Pty) Ltd

Project duration/date: March 2013- August 2013

Job title and duties: GIS Support

Assisting in the development of a GIS database within Jeffares & Green, Pietermaritzburg.

**Name of Project:** Ashdown Stream Bank Stabilization, Pietermaritzburg, KwaZulu-Natal (South Africa)

Client: Msunduzi Municipality

Project duration/date: 2014-2015

Job title and duties: GIS Graduate

GIS mapping for the EIA component of this project.

**Name of Project:** Nungwane Pipeline EIA, Durban, KwaZulu-Natal (South Africa)

Client: Royal HaskoningDHV

Project duration/date: 2014-2015

Job title and duties: GIS Graduate

GIS analysis and mapping for the EIA component of this project.

**Name of Project:** Upgrading of the P125, Underberg, KwaZulu-Natal (South Africa)

Client: Royal HaskoningDHV

Project duration/date: 2015-2016

Job title and duties: GIS Graduate

GIS analysis and mapping for the EIA component of this project

**Name of Project:** R22 Hluhluwe Bypass, KwaZulu-Natal (South Africa)

Client: South African National Roads Agency SOC Limited (SANRAL)

Project duration/date: 2016- current

Job title and duties: GIS Graduate

GIS mapping and support for the EIA component of this project.

**Name of Project:** Verulam Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)

Client: eThekweni Municipality

Project duration/date: 2016- 2017

Job title and duties: GIS Graduate  
GIS mapping and support for the EIA component of this project.

**Name of Project: How Long Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)**

Client: eThekweni Municipality

Project duration/date: 2016- 2017

Job title and duties: GIS Graduate  
GIS mapping and support for the EIA component of this project.

**Name of Project: GX 11 Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)**

Client: eThekweni Municipality

Project duration/date: 2016- current

Job title and duties: GIS Graduate  
GIS mapping and support for the EIA component of this project.

**Name of Project: Tottenham Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)**

Client: eThekweni Municipality

Project duration/date: 2016- 2017

Job title and duties: GIS Graduate  
GIS mapping and support for the EIA component of this project.

**Name of Project: Epayipini to 34th Avenue Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)**

Client: eThekweni Municipality

Project duration/date: 2016- 2017

Job title and duties: GIS Graduate  
GIS mapping and support for the EIA component of this project.

**Name of Project: Emapheleni to Thulani Masango Road Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)**

Client: eThekweni Municipality

Project duration/date: 2016- 2017

Job title and duties: GIS Graduate  
GIS mapping and support for the EIA component of this project.

**Name of Project: Umqeku River Low Level Bridge Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)**

Client: eThekweni Municipality

Project duration/date: 2016- 2017

Job title and duties: GIS Graduate  
GIS mapping and support for the EIA component of this project.

**Name of Project: Umgeni River Low Level Bridge Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)**

Client: eThekweni Municipality

Project duration/date: 2016- 2017

Job title and duties: GIS Graduate  
GIS mapping and support for the EIA component of this project.

**Name of Project:** Various ESKOM Projects, KwaZulu-Natal (South Africa)  
**Client:** ESKOM  
**Project duration/date:** 2016-current  
**Job title and duties:** GIS Graduate  
Provide GIS Mapping and GIS Support on various ESKOM projects.

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**JG Afrika (Pty) Ltd (Previously Jeffares & Green (Pty) Ltd)**

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**December 2013 -Present**  
**Position** – Environmental Scientist

**AMENDMENT APPLICATIONS & POST AUTHORISATION REQUIREMENTS**

**Name of Project:** Mooi- Mpfana Bulk Water Supply Scheme, KwaZulu-Natal (South Africa)  
**Client:** Umgeni Water  
**Project duration/date:** 2015  
**Job title and duties:** Environmental Assessment Practitioner  
Assisting the project team with the amendment to Environmental Authorisation and post decision requirements.

**Name of Project:** KwaDakuza Bulk Water Offtake 13 A Bulk Water Supply Scheme, KwaZulu-Natal (South Africa)  
**Client:** Ilembe District Municipality  
**Project duration/date:** 2018  
**Job title and duties:** Environmental Assessment Practitioner  
Amendment to Environmental Authorisation and post decision requirements.

**Name of Project:** KwaDakuza Bulk Water Offtake 13 B Bulk Water Supply Scheme, KwaZulu-Natal (South Africa)  
**Client:** Ilembe District Municipality  
**Project duration/date:** 2018  
**Job title and duties:** Environmental Assessment Practitioner  
Amendment to Environmental Authorisation and post decision requirements.

**ENVIRONMENTAL SCREENING & SCOPING ASSESSMENTS**

**Name of Project:** NCF Church Environmental Screening Assessment, Umgungundlovu District Municipality, KwaZulu-Natal (South Africa)  
**Client:** NCF Church  
**Project duration/date:** January 2014  
**Job Title and Duties:** Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** Environmental Screening Assessment on Portion 33/8 Mt Verde Estate, Umgungundlovu District Municipality, KwaZulu-Natal (South Africa)  
**Client:** Kim Declercq  
**Project duration/date:** February 2014  
**Job Title and Duties:** Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** Environmental Screening Assessment on Portion 48 Mt Verde Estate, Umgungundlovu District Municipality, KwaZulu-Natal (South Africa)  
**Client:** Mr & Mrs Le Roux  
**Project duration/date:** September 2015  
**Job Title and Duties:** Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

**Name of Project:** Environmental Screening Assessment on Portion 49 Mt Verde Estate, Umgungundlovu District Municipality, KwaZulu-Natal (South Africa)  
**Client:** Mr Craig Parry  
**Project duration/date:** September 2015  
**Job Title and Duties:** Environmental Assessment Practitioner  
Environmental Screening Assessment, including site investigations & general environmental mapping of the site.

#### **SECTION 24G / NON-COMPLIANCE ASSESSMENTS**

**Name of Project:** Lartsa Chicks, Lions River, KwaZulu-Natal  
**Client:** Lartsa Chicks (Pty) Ltd  
**Project duration/date:** 2014  
**Job title and duties:** Environmental Assessment Practitioner  
Assisting the project team with the requirements of the pre-compliance notice, screening requirements and post decision requirements.

**Name of Project:** Devonia Farms, Ixopo, KwaZulu-Natal (South Africa)  
**Client:** Devonia Farms  
**Project duration/date:** 2015-2016  
**Job title and duties:** Environmental Assessment Practitioner  
Section 24G application and compliance assessments, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of an Impact Assessment Report including EMPr and mitigation requirements.

#### **ENVIRONMENTAL CONTROL OFFICER DUTIES**

**Name of Project:** Bulk Service Installation for the Gates at Hilton Residential Development Phase 2, Hilton, KwaZulu-Natal (South Africa)  
**Client:** Gwens Stream Estate (Pty) Ltd for Hilton College School  
**Project duration/date:** June 2015 – May 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

**Name of Project:** Construction of Hilton Life Hospital, Hilton, KwaZulu-Natal (South Africa)  
**Client:** A3 Architects (Pty) Ltd for Life Hospitals  
**Project duration/date:** September 2015 – May 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** Construction of Hilton Health Doctors Suites, Hilton, KwaZulu-Natal (South Africa)  
**Client:** Never Ending Trust (Pty) Ltd  
**Project duration/date:** September 2015 – May 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** Madrassa An Noor school for the Blind, Hilton, KwaZulu-Natal (South Africa)  
**Client:** Madrassa An Noor school for the Blind  
**Project duration/date:** June 2015 – September 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

**Name of Project:** Merrivale Poultry Expansion, Merrivale, KwaZulu-Natal (South Africa)  
**Client:** Midlands Eggs  
**Project duration/date:** March 2016 – August 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA)

**Name of Project:** National Route 5 Section2, Senekal Traffic Control Centre, Senekal, Free-State (South Africa)  
**Client:** Nathoo Mbenyane Engineers (Pty) Ltd  
**Project duration/date:** September 2015 – September 2016  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** Midlands Biogas and Fertilizer Plant, Pietermaritzburg, KwaZulu-Natal (South Africa)  
**Client:** Midlands Biogas and Fertiliser cc  
**Project duration/date:** April 2017 – July 2017  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA).

**Name of Project:** Eden gardens Hospital, Edendale, Pietermaritzburg (South Africa)



**Client:** Edenvision Medical Holdings (Pty) Ltd  
**Project duration/date:** July 2016 – current  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** **Gromor Bagging Plant, Camperdown, KwaZulu-Natal (South Africa)**  
**Client:** Gromor (Pty) Ltd  
**Project duration/date:** December 2016 – current  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** **P368 Road Upgrade, Muden, KwaZulu-Natal (South Africa)**  
**Client:** Royal HaskoningDHV for DoT  
**Project duration/date:** June 2017 – Current  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA).

**Name of Project:** **Mount Edgecombe Interchange, Durban, KwaZulu-Natal (South Africa)**  
**Client:** SMEC South Africa (Pty) Ltd  
**Project duration/date:** September 2017 – September 2018  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Audit Reports for submission to the competent authority (EDTEA).

**Name of Project:** **Harewood Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)**  
**Client:** Henwood & Nxumalo for Msunduzi Municipality  
**Project duration/date:** August 2017 – September 2018  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** **Caluza Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)**  
**Client:** Henwood & Nxumalo for Msunduzi Municipality  
**Project duration/date:** October 2017 – September 2018  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** **Ndlovu Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)**  
**Client:** Henwood & Nxumalo for Msunduzi Municipality  
**Project duration/date:** November 2017 – October 2018  
**Job Title and Duties:** Environmental Control Officer

Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** **Gudlintaba Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)**  
**Client:** Henwood & Nxumalo for Msunduzi Municipality  
**Project duration/date:** October 2017 – July 2018  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** **Unit 18 Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)**  
**Client:** Henwood & Nxumalo for Msunduzi Municipality  
**Project duration/date:** October 2017 – July 2018  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** **Methodist Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)**  
**Client:** Henwood & Nxumalo for Msunduzi Municipality  
**Project duration/date:** November 2017 – October 2018  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** **Dinangwe Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)**  
**Client:** Henwood & Nxumalo for Msunduzi Municipality  
**Project duration/date:** October 2017 – June 2018  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** **Mission Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)**  
**Client:** Henwood & Nxumalo for Msunduzi Municipality  
**Project duration/date:** October 2017 – June 2018  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

**Name of Project:** **Mabane Road Upgrade, Pietermaritzburg, KwaZulu-Natal (South Africa)**  
**Client:** Henwood & Nxumalo for Msunduzi Municipality  
**Project duration/date:** May 2018 - current  
**Job Title and Duties:** Environmental Control Officer  
Developing a suitable Audit Report Form for the construction phase of the project and auditing compliance during construction works. Preparation of monthly Duty of Care Audit Reports

## **BASIC ASSESSMENT APPLICATIONS**

**Name of Project:** Ashdown Stream Bank Stabilization, Pietermaritzburg, KwaZulu-Natal (South Africa)

**Client:** Msunduzi Municipality

**Project duration/date:** 2014-2015

**Job title and duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Nungwane Pipeline EIA, Durban, KwaZulu-Natal (South Africa)

**Client:** Royal HaskoningDHV

**Project duration/date:** 2014-2015

**Job title and duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** National Route 2, Section 27, Durban, KwaZulu-Natal (South Africa)

**Client:** South African National Roads Agency SOC Ltd (SANRAL)

**Project duration/date:** 2014-2015

**Job title and duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Upgrading of the P125, Underberg, KwaZulu-Natal (South Africa)

**Client:** Royal HaskoningDHV

**Project duration/date:** 2015-2016

**Job title and duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Verulam Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)

**Client:** eThekweni Municipality

**Project duration/date:** 2016- current

**Job title and duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** How Long Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)

**Client:** eThekweni Municipality

**Project duration/date:** 2016- current

**Job title and duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** GX 11 Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)  
**Client:** eThekweni Municipality  
**Project duration/date:** 2016- current  
**Job title and duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Tottenham Pedestrian Bridge, Durban, KwaZulu-Natal (South Africa)  
**Client:** eThekweni Municipality  
**Project duration/date:** 2016- current  
**Job title and duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** N2 Borrow Pits, Eastern Cape, KwaZulu-Natal (South Africa)  
**Client:** SANRAL  
**Project duration/date:** 2016 - current  
**Job title and duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Proposed Royal Albert Tourism Facility, Umshwathi Local Municipality, Kwazulu-Natal (South Africa)  
**Client:** Primesite Holdings (Pty) Ltd  
**Project duration/date:** January 2018 - Present  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Proposed upgrade of Mabane Road, Msunduzi Local Municipality, Kwazulu-Natal (South Africa)  
**Client:** Henwood & Nxumalo for Msunduzi Municipality  
**Project duration/date:** January 2018 - Present  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Proposed upgrade of Track 83887, eThekweni Metropolitan Municipality, Kwazulu-Natal (South Africa)  
**Client:** eThekweni Metropolitan Municipality  
**Project duration/date:** January 2018 - Present  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

**Name of Project:** Proposed expansion of the Ecoguard Facility, Merrivale, Kwazulu-Natal (South Africa)  
**Client:** Ecoguard BioSciences  
**Project duration/date:** July 2018 - Present  
**Job Title and Duties:** Environmental Assessment Practitioner  
Undertaking of the EIA process, including site investigations, public participation, liaison with specialists, preparation of locality maps and layout plans, and the preparation of a Basic Assessment Report and Environmental Management Plan.

## CONTINUED PROFESSIONAL DEVELOPMENT

### Courses, Conferences & Workshops

- 2015 - IAIAAsa Public Participation workshop.
- 2016 - Green Building Council South Africa (GBCSA) Existing Buildings Course
- 2017 - Resource Efficiency and Cleaner Production (Training Course)
- 2017 - IAIAAsa Environmental Monitoring and ECO workshop
- 2017 - DEA Integrated Environmental Management workshop
- 2018 - EDTEA/IAIAAsa Engagement Session
- 2018 - GIS Tools in Environmental Assessment
- 2018 - SANEDI (South African National Energy Development Institute) ESCo/12L Tax Incentive talk

## PERSONAL DETAILS

Nationality – South African  
Date of Birth – 1989 – 02- 24  
Domicile – Pietermaritzburg, South Africa

### Languages

English – Very Good



# UNIVERSITY OF KWAZULU-NATAL

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## INYUVESI YAKWAZULU-NATALI

This is to certify that

**Riona Patak**

was admitted this day  
at a congregation of the University  
to the degree of

**Bachelor of Science**

having satisfied the conditions prescribed for the degree.



M W Makgoba  
Vice-Chancellor

JJ Meyerowitz  
Registrar

D Jaganyi  
Dean

18 April 2011



UNIVERSITY OF  
KWAZULU-NATAL

INYUVESI  
YAKWAZULU-NATALI

This is to certify that

**Riona Patak**

was admitted this day  
at a congregation of the University  
to the degree of

**Bachelor of Science Honours**  
(Environmental Science)

having satisfied the conditions prescribed for the degree.



M W Makgoba  
Vice-Chancellor

JJ Meyerowitz  
Registrar

AT Modi  
Dean

23 April 2012



UV PROTECTED



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## **IAIASa Confirmation of Membership: 2019/2020**

### **Riona Patak      Membership Number: 3317**

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12 February 2019

#### **TO WHOM IT MAY CONCERN**

Ms Riona Patak, JG Afrika (Pty) Ltd (IAIASa membership Number 3317) is a paid-up full member in good standing of the South African Affiliate of the International Association for Impact Assessment and has been a member of IAIAsa since 20 February 2013. Membership has been continuous from 20 February 2013 to date.

This membership is valid from 1 March 2019 to 28 February 2020.

IAIASa is a voluntary organisation and is not a statutory body regulating the profession. Its members are however expected to abide by the organisation's code of ethics which is available on our website.

Any enquiries regarding this membership may be directed to the Secretariat at the above contact details.

Yours Sincerely

Robyn Luyt  
IAIASa President 2018/2019