

Appendix 1: EAP CVs

MAGNUS VAN ROOYEN



Profession	<i>Environmental Scientist</i>
Position in Firm	<i>Executive Associate</i>
Area of Specialisation	<i>Environmental</i>
Qualifications	<i>Pr.Sci.Nat., BSc, BSc (Hons), MPhil. (Environmental Management)</i>
Years of Experience	<i>14 Years</i>
Years with Firm	<i>12 Years</i>

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.

PROFESSIONAL REGISTRATIONS & INSTITUTE MEMBERSHIPS

Pr.Sci.Nat. - Registered with the South African Council for Natural Scientific Professions - Registration No 400335/11
IAIAsa - Member of the International Association for Impact Assessment South Africa

EDUCATION

1999 - BSc (Botany and Zoology) – University of Stellenbosch
1999 – Special Student – University of Stellenbosch
2001 – BSc (Hons) (Botany) – University of Stellenbosch
2002 – PGrad Dipl (Teaching) – University of Stellenbosch
2005 - MPhil (Environmental Management) – University of Stellenbosch

EMPLOYMENT RECORD

Date (from – to)	2011 - Date
Location	Pietermaritzburg, KwaZulu-Natal, South Africa
Employer	JG Afrika (Pty) Ltd (previously Jeffars & Green (Pty) Ltd)
Position(s)	Principal Environmental Consultant
Description	Responsible for the management and operation of the Environmental Business unit. Conducting specialist wetland, biodiversity and ecological assessments for a range of infrastructure projects.
Date (from – to)	2007 – 2010
Location	Pietermaritzburg, KwaZulu-Natal, South Africa
Employer	Jeffares & Green (Pty) Ltd Consulting Engineers
Position(s)	Senior Environmental Scientist
Description	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.
Date (from – to)	2006 - 2007
Location	Pietermaritzburg, KwaZulu-Natal, South Africa
Employer	Jeffares & Green (Pty) Ltd Consulting Engineers
Position(s)	Environmental Scientist
Description	Conducted field work, complete Applications for Environmental Authorisation (Basic Assessments and Full Scoping and EIAs)
Date (from – to)	2002 – 2005
Location	Stellenbosch, Western Cape, South Africa
Employer	Department of Conservation Ecology, University of Stellenbosch
Position(s)	Biodiversity Researcher
Description	Conducted field work, sampling, laboratory work and logistics associated with two projects within the Conservation Ecology Department
Date (from – to)	2002 – 2005
Location	Stellenbosch, Western Cape, South Africa
Employer	Department of Botany and Zoology, Stellenbosch University
Position(s)	Junior Lecturer in Botany
Description	Lectured the Botany practical component of the first-year Natural Science Degree.
Date (from – to)	2001 – 2002
Location	Stellenbosch, Western Cape, South Africa
Employer	Paul Roos Gymnasium
Position(s)	Biology Teacher
Description	Teaching the South African Biology curriculum to high school pupils.
Date (from – to)	2000
Location	Bradenton, Florida, USA
Employer	Gene's Citrus Ranch
Position(s)	Farm Manager
Description	Management of the day to day operations of an export citrus farm

Date (from – to) 1999
Location Witley Bay, Northumberland, United Kingdom
Employer Marden Bridge Middle School
Position(s) Physical Education Teacher
Description Physical Educator associated with the Marden Bridge Middle School Sport Centre.

SPECIFIC EXPERIENCE

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

Biodiversity and Wetland Assessment Projects

Name of Project: Phalanndwa Coal Mine Biodiversity and Wetland Assessment
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: 11th 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 11th 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:	Taylor's 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: Bhhekuzulu 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 Bhhekuzulu 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 & 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

- 2008/09** - Accelerated Development Programme – Jeffares and Green
- 2013/09** - IAIA National Conference 2013
- 2014/11** - New Techniques and Methods in EIA (Workshop)
- 2014/09** - Wetland Identification and Delineation (Short Course)
- 2014/09** - Wetland Modelling and Assessment (Short Course)
- 2014/09** - Introduction to Wetland Rehabilitation (Short Course)
- 2015/02** - 2014 EIA Regulations in Context (Seminar)
- 2015/04** - Wetland Buffer Determination (Workshop)
- 2016/07** - Department of Water Affairs c & i Training (Workshop)
- 2017/02** - IAIA & EDTA EIA Regulations Overview (Seminar)
- 2017/05** - Legislative Amendments to the EIA Regulations (2014) (Training Course)
- 2017/05** - Filtration & Drainage with Geosynthetics (Training Course)

PERSONAL DETAILS

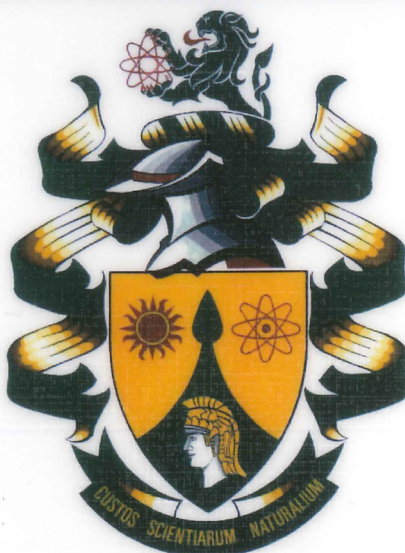
Nationality – South African

Date of Birth – 1976-09-04

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



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

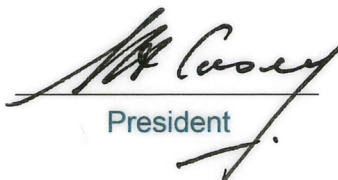
(Schedule I of the Act)

Environmental Science

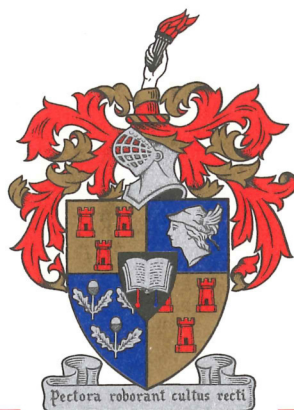
31 August 2011

31 August 2011

Pretoria


President


Chief Executive Officer



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)

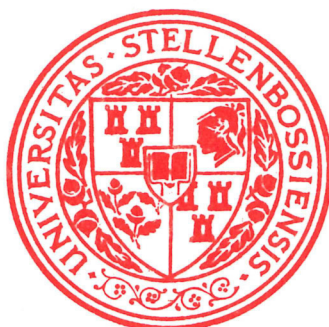
*with all the rights and privileges pertaining thereto was conferred on
him at a congregation of the University in December 2004.*

Chris Brink

RECTOR AND VICE CHANCELLOR

Paul Gillies

DEAN



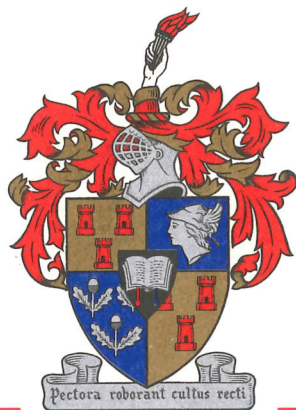
Reginald

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 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.*

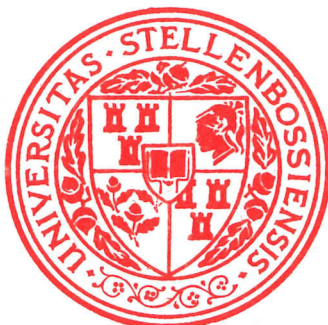
Chris Brink

RECTOR AND VICE CHANCELLOR

[Signature]

DEAN

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

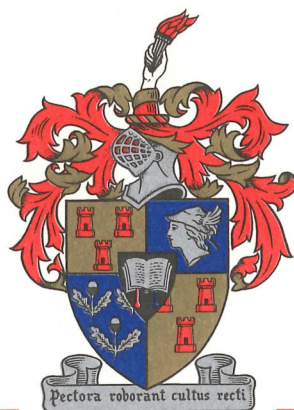


[Signature]

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)

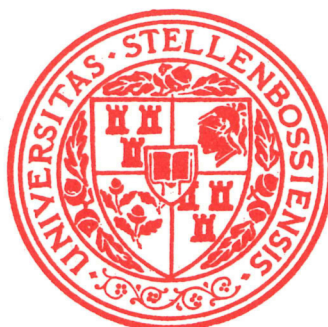
cum laude

(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.



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
Website: www.iaiasa.co.za

IAIAsa Confirmation of Membership: 2018/2019

Magnus van Rooyen Membership Number: 1839

13 April 2018

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 2018 to 28 February 2019.

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



Profession	<i>Environmental Scientist</i>
Position in Firm	<i>Environmental Scientist</i>
Area of Specialisation	<i>Environmental Impact Assessment, GIS</i>
Qualifications	<i>BSc Hons Environmental Science</i>
Years of Experience	<i>4 Years</i>
Years with Firm	<i>4 Years</i>

SUMMARY OF EXPERIENCE

Ms Patak graduated from the School of Agriculture, Earth and Environmental Science at the University of KwaZulu-Natal, Pietermaritzburg. After completing 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 currently sits on the IAIAsa KZN Branch Committee as Treasurer.

SOCIETY MEMBERSHIP

IAIAsa	Membership Number 3317 – Provincial Committee Member
GISSA	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 Analyst

Geographic Information Sciences

Name of Project: Micaune Port & Rail Project, Mozambique

Client: Bergstan Africa

Project duration/date: 2013

Job title and duties: GIS Analyst

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 Analyst

GIS analysis and 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 Analyst

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 Analyst

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 Analyst

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

Name of Project: Umgano Tourism Venture, KwaZulu-Natal (South Africa)
Client: Mabandla Development Company
Project duration/date: 2015 - current
Job title and duties: GIS Analyst
GIS mapping and support for the EIA component of this project.

Name of Project: Umgano Dairy Venture, KwaZulu-Natal (South Africa)
Client: Mabandla Development Company
Project duration/date: 2015 - current
Job title and duties: GIS Analyst
GIS mapping and support for the EIA component of this project.

Name of Project: Umgano Agri-Processing Venture, KwaZulu-Natal (South Africa)
Client: Mabandla Development Company
Project duration/date: 2015 - current
Job title and duties: GIS Analyst
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 Analyst
Provide GIS Mapping and GIS Support on various ESKOM projects.

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

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.

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: Devonian Farms, Ixopo, KwaZulu-Natal (South Africa)

Client: Devonian 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 EMP 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 – to be confirmed
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 – February 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 Duty of Care Audit Reports

SCOPING & FULL EIA APPLICATIONS

Name of Project: Umgano Dairy Facility, KwaZulu-Natal (South Africa)
Client: Mabandla Development Company
Project duration/date: 2015 – 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 Scoping Report, full Environmental Impact Report and Environmental Management Plan.

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: **Umgano Tourism Venture, KwaZulu-Natal (South Africa)**
Client: Mabandla Development Company
Project duration/date: 2015 - 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: 2015 - 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 Establishment of a Truffle Farm, UMngeni Local Municipality, Kwazulu-Natal (South Africa)**
Client: Dr Philip Hartwig
Project duration/date: January 2017 - 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.
- 2015 - Green Building Council South Africa (GBCSA) Existing Buildings Course
- 2016 - Resource Efficiency and Cleaner Production (Training Course)

PERSONAL DETAILS

Nationality – South African

Date of Birth – 1989 – 02- 24

Domicile – Pietermaritzburg, South Africa

Languages

English – Very Good



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

having satisfied the conditions prescribed for the degree.



M W Makgoba
Vice-Chancellor

J J Meyerowitz
Registrar

D Jaganyi
Dean

18 April 2011



UNIVERSITY OF
KWAZULU-NATAL

INYUVESI
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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



IAIAsa Secretariat
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Website: www.iaiasa.co.za

IAIAsa Confirmation of Membership: 2018/2019

Riona Patak Membership Number: 3317

13 April 2018

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 2018 to 28 February 2019.

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