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## **APPENDIX B: CURRICULUM VITAE AND PROFESSIONAL REGISTRATIONS OF THE PROJECT TEAM**

- Ed Perry (CV and EAPASA registration) – Technical Reviewer
- Sharon Meyer (CV, EAPASA registration and SACNASP registration) - EAP
- Rizqah Baker (CV) – Report Author

# CURRICULUM VITAE



## ED PERRY

### OPERATIONS MANAGER

Environmental Management Planning & Approvals,  
South Africa

## QUALIFICATIONS

Postgrad Cert.	2016	Postgraduate Certificate in Occupational Health and Safety, University of Cape Town
Postgrad Cert.	2012	Postgraduate Certificate in Environmental Law, Centre for Environmental Management, Potchefstroom
Postgrad Cert.	2008	Postgraduate Certificate in Environmental Assessment, Oxford Brookes University
MSc	1994	MSc Applied Hydrobiology, Cardiff University
BSc (Hons)	1990	BSc (Hons) Environmental Science, Plymouth University

## EXPERTISE

- Environmental and Social Impact Assessments
- EHSS Auditing
- Environmental Compliance
- Management Systems
- Due Diligence

Ed Perry joined SLR as the Operations Manager for the Environmental Management Planning and Approvals (EMPA) team in Africa in August 2019. He has worked in environmental consultancy for over twenty years for a wide range of public and private sector clients.

Ed is a registered Environmental Auditor with the Institute for Environmental Management and Assessment and a Lead Auditor with the International Cyanide Management Institute. Prior to moving to South Africa in 2011 Ed worked in the UK on a wide range of projects including EIAs and Integrated Pollution and Prevention Permits. This included permitting the first hazardous waste landfill in the UK under the new integrated permitting mechanism and undertaking a study for the European Commission on the implementation of the Landfill Directive in 15 European countries.

Since moving to South Africa, Ed has been involved with ESIAs and environmental authorisations throughout Africa. Ed has been Project Director / Partner in Charge of EIAs for a wide range of facilities including: Renewable Energy Facilities; Metal Extractive Industries; Large Water Storage Schemes; and New Mine and Extensions to Mines.

Ed has also undertaken a wide range of environmental audits including; due diligence audits, EMPR audits, and over 20 international cyanide code audits of mines throughout Africa. These audits include assessing ESHIAa, RAPs and associated documentation against the requirements of the IFC Performance Standards. Ed is a registered Environmental Assessment Practitioner with the Environmental Assessment Practitioners Association of South Africa (EAPASA).

## PROJECTS

A sample of Ed's project experience, summarised by sector, is provided below.

### Mining

#### Kefi Minerals – Tulu Kapi Gold Mine, Ethiopia

Ed is the Technical Reviewer for an Environmental and Social Due Diligence review of the ESHIA and associated documents against the requirements of the IFC Performance Standards, local legislation, and best practice. This includes liaison with the Environmental Assessment Practitioners producing the ESHIA and the Lender's representatives.

<b>Swakop Uranium – Heap Leach Project, Namibia</b>	Ed is the Technical Reviewer and Project Director for the heap leach project, undertaking screening and subsequent ESIA for the location of a heap leach.
<b>West Wits Gold Mine – South Africa</b>	Ed is the Technical Reviewer and Project Director for an ESIA for a new gold mine in South Africa including open cast and underground mining. The application for a mining right was successful with an Environmental Authorisation being issued. A Water Use Licence is currently being applied for.
<b>Maamba Collieries Limited – Maamba Coal Mine, Zambia</b>	Ed was the lead auditor leading the creation and implementation of an integrated management system in accordance with the requirements of the IFC performance standards, ISO 14001, ISO 9001, and OHSAS 18001.
<b>Eramet - Senegal</b>	Lead Auditor for a due diligence audit of a mineral sands mining operation. The operation was the subject of a possible joint venture. The environmental audit, which included 3 days on site, was to establish if what environmental risks were involved with the project, which was just about to enter the construction phase.
<b>Continental Coal Limited – Penumbra, South Africa</b>	Ed was the Lead Auditor undertaking review of EIA, EMP and site procedures against the requirements of the IFC Procedures.
<b>Eurasian Natural Resources Corporation – Kakanda Mine, DRC</b>	Ed was the Project Manager for the review of a Safety, Health, Environment and Community Management System for Kakanda Mine in the DRC.
<b>Anglo-American – Polokwane Smelter, Polokwane</b>	Ed was the Project Manager responsible for undertaking an external compliance audit for the Anglo-American Polokwane Smelter as stipulated in the slag stockpile permit for the Polokwane Metallurgical Complex. This included a review of the permit for the temporary stockpile of ash as part of the expansion of the Complex.
<b>Ruighoek Mine, South Africa</b>	Ed was the Project Manager for an ESIA associated with the expansion of this chromium mine in South Africa.
<b>AngloGold Ashanti – Yatela, Sadiola, Siguri Gold Mines, Mali and Guinea</b>	Ed was the Lead Auditor and Project Manager undertaking a re-certification audit against the requirements of the International Cyanide Code for three gold mines.
<b>Freda Rebecca Gold Mine - Zimbabwe</b>	Ed was the Lead Auditor and Project Manager for a gap audit to ascertain the status of the gold mine with regards to its ability to comply with the International Cyanide Code
<b>Gold Fields Ghana – Tarkwa and Damang Gold Mines</b>	Ed was the Lead Auditor and Project Manager undertaking a re-certification audit against the requirements of the International Cyanide Code for the two gold mines.
<b>Goldfields, Harmony, AngloGold Ashanti – South Africa</b>	Ed was the Lead Auditor and Project Manager undertaking a re-certification audit against the requirements of the International Cyanide Code for 5 gold mines for AngloGold Ashanti, 4 gold mines for Harmony, and a gold mine for Gold Fields.
<b>Riversdale Capital – Zambeze Coal Mine, Zambia</b>	Ed was the Technical Reviewer for an ESHIA for the development of the Zambeze Coal Mine on behalf of Riversdale Capital.

<b>Confidential – proposed mine, South Africa</b>	Ed was the Project Manager for an ESIA for a new proposed iron ore mine in South Africa. This application was withdrawn following baseline studies by specialist showing the existence of fatal flaws with regards to water use and location of the TSF.
	<b>Industry</b>
<b>Distell – South Africa</b>	Ed was Project Manager for a number of projects for Distell in order to obtain various environmental authorisations for their brewing facilities including the one for the siting of a new waste water treatment works.
<b>SPAR – South Africa</b>	Ed was Project Manager for a number of energy projects undertaken for SPAR in South Africa including looking at Science Based Targets, Internal Carbon Pricing, and an ISO 50001 Energy Management System.
<b>SCAW – South Africa.</b>	Ed was the Project Manager for a range of Environmental Authorisations, including ESIA's, Air Emissions Licences, Water Use Licences and contaminated land assessments. These studies were undertaken for SCAW at a number of their smelter sites in Gauteng over a 5 year period.
<b>Confidential – South Africa</b>	Ed lead an EHS audit of a cable tie manufacturer using plastic extrusion as part of a due diligence project.
<b>Pfizer – South Africa</b>	Ed was the Project Manager and Lead Auditor for an EHS audit of the head offices of Pfizer in South Africa.
<b>Sasol - Sasolburg</b>	Ed was the Project Manager and Lead Auditor for International Cyanide Code recertification audit for the Sasol cyanide production facility at Sasolburg.
<b>Sohar Aluminium - Oman</b>	Ed was the Lead Auditor of Sohar Aluminium's environmental management system auditing the system against the requirements of ISO 14001 and benchmarking this facility against international requirements.
<b>Confidential – KZN, South Africa</b>	Lead Auditor for a due diligence audit of a white goods manufacturing company in Kwa-Zulu Natal.
<b>Sasol – Secunda</b>	Ed was the Lead Auditor for a third party audit of waste contractors operating on behalf of Sasol. The audit investigated compliance with South African environmental legislation and environmental best practice.
<b>Confidential – South Africa, Kenya, UAE</b>	Ed was the project manager for a due diligence audit of a packaging company's facilities in South Africa, Kenya and UAE.
	<b>Infrastructure</b>
<b>Lesotho Highlands Development Agency - Lesotho</b>	Ed took over as Project Manager undertaking an ESIA for the Polihali Reservoir and Western Access Road in Lesotho on behalf of the Lesotho Highlands Development Agency.
<b>Freight Forwarders Group – Kenya and Tanzania</b>	Ed was the Lead Auditor undertaking a re-certification audit against the requirements of the International Cyanide Code for the Freight Forwarders transportation group of companies.

<b>Transnet Pipelines – South Africa</b>	Ed was the Project Manager responsible for the creation and implementation of an Energy Management System for all of the pumps stations, workshops and offices for Transnet Pipelines, who pump crude oil and petroleum products from Durban to Johannesburg.
<b>Interwaste – South Africa</b>	Ed was the Technical Reviewer for the EIA for a new integrated waste management facility including a new landfill in South Africa against the requirements of NEMA and NEM:WA.
	<b>Oil and Gas</b>
<b>Shell – South Africa</b>	Ed was the Project Manager for various environmental authorisations in South Africa associated with the Shell GUESS program. This program related to the closure and clean up of Shell service stations.
<b>Vopak – Richards Bay, South Africa</b>	Ed was the Project Manager for an ESIA for a new terminal operated by Vopak at Richards Bay for the handling and storage of Liquid Petroleum Gas and Clean Petroleum Products.
<b>Vopak – Durban, South Africa</b>	Ed was the Project Manager for an ESIA for the expansion of the Vopak terminal at Durban Docks for the handling and storage of Liquid Petroleum Gas and Clean Petroleum Products.
<b>Bidvest – Durban South Africa</b>	Ed was the Project Manager for an ESIA for the expansion of the Bidvest terminal at Durban Docks for the handling and storage of Liquid Petroleum Gas and Clean Petroleum Products.
	<b>Power</b>
<b>Nampower - Namibia</b>	Ed is the Technical Reviewer for an ESIA for a biomass power plant that will use wood from encroacher bush in Namibia. This project is being funded by the European Investment Bank and it is therefore required to comply with the IFC Performance Standards.
<b>Department for International Development – UK Government</b>	The UK Department for International Development is providing support to medium sized renewable energy facilities ( mainly hydroelectric power plants) in Uganda through the Global Energy Transfer Feed in Tariff programme (GET FIT). The project was to assess how local communities in the vicinity of these facilities could obtain power and how environmental and social safeguards for these types of facilities could be improved in the future. Ed was the lead environmental and social advisor undertaking a review of the environmental and social safeguards.
<b>Confidential - Angola</b>	Ed was Project Manager for a project undertaking a Strategic Environmental Assessment of locations for renewable energy facilities in Angola.
<b>Confidential - Mozambique</b>	Ed was the Project Manager for an ESIA to be submitted to the Mozambican authorities for the development of a unique renewable energy pilot facility.
<b>MEMBERSHIPS</b>	
<b>IEMA</b>	Practitioner for the Institute of Environmental Management and Assessment
<b>IEMA</b>	Registered Environmental Auditor
<b>EAPSA</b>	Registered Environmental Assessment Practitioner
<b>PUBLICATIONS</b>	

	<ul style="list-style-type: none"><li>• The Role of Socio-Economic Factors, Seasonality and Geographic Differences on Household Waste Generation and Composition in the City of Tshwane. 2016 (Wastcon).</li></ul>
	<ul style="list-style-type: none"><li>• EMS as a Tool for Integrated Business Risk Management. 2005 (various journals).</li></ul>
	<ul style="list-style-type: none"><li>• Golder Associates EMS Roadmap. 2004 (CD ROM).</li></ul>
	<ul style="list-style-type: none"><li>• Incentives to Encourage Recycling. 2002. Materials Recycling Week</li></ul>
	<ul style="list-style-type: none"><li>• Recycle of Life. 2002. Government Business</li></ul>
	<ul style="list-style-type: none"><li>• New Approaches to Management of Waste. 2002 (various journals)</li></ul>
	<ul style="list-style-type: none"><li>• Minimise the Waste – Maximise the Message. 2001</li></ul>
	<ul style="list-style-type: none"><li>• Guide to Waste Reduction on Construction Sites. 1999. Construction Confederation</li></ul>

## EAPASA

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## Environmental Assessment Practitioners Association of South Africa

*Advancing environmental assessment practice in South Africa*



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Mr Edward Perry  
2 Nonoti Gardens  
15 Nonoti Avenue, Berea  
Durban  
4001

Sent by email to: [eperry@slrconsulting.com](mailto:eperry@slrconsulting.com)

Dear Mr Perry

**Registered Environmental Assessment Practitioner: Number 2019/1210**  
**Edward James Perry : South African ID 6606136020185**

The Environmental Assessment Practitioners Association of South Africa (EAPASA) herewith certifies that Edward James Perry is a Registered Environmental Assessment Practitioner (EAP) in accordance with the prescribed criteria of Regulation 15.(1) of the Section 24H Registration Authority Regulations (Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).

Your registration is duly authorised by EAPASA as the single Registration Authority for EAPs in South Africa (appointed as per Regulation No. 104, Gazette No. 41434 of 8 February 2018, in terms of section 24H(3)(a) of the NEMA). Your status as a Registered EAP is displayed in the 'EAP Register' - please find your name and contact email address at

<https://registration.eapasa.org/registered-practitioners>

Your registration is effective for a period of five years from 23 April 2020, and expires on 23 April 2025. The renewal of your registration in 2025 will be contingent on you having met the requirements of EAPASA's Continuing Professional Development (CPD) policy during each year of registration.

As a Registered EAP you are required to uphold the EAPASA Code of Ethical Conduct and Practice in your professional endeavours, towards the goal of quality assurance in environmental assessment practice.

Please accept my congratulations on your registration.

Best regards

Dr Richard Hill  
Registrar  
Date: 23 April 2020

Board Members: Ms Snowy Makhudu (Chairperson), Mr Khangwelo Desmond Musetsho (Vice-Chairperson),  
Mr Ntsako Baloyi, Mr Zama Dlamini, Mr Siyabonga Gqalangile, Ms Jacqui Hex, Mr Phumudzo Nethwadzi, Mr Danie Neumann.  
Registrar: Dr Richard Hill  
NPO Reg. No. 122-986

# CURRICULUM VITAE



## SHARON MEYER

### ASSOCIATE ENVIRONMENTAL CONSULTANT

Environmental Management, Africa

## QUALIFICATIONS

MSc	2007	Zoology and Environmental Education
BSc (Hons)	2000	Geography and Environmental Science
BSc	1999	Botany and Geography

## EXPERTISE

- Environmental and Social Feasibility Screening
- Environmental Authorisation Processes
- Environmental Impact and Risk Management
- Environmental and Social Due Diligence
- Project and Resource Management

Sharon has over 20 years of experience as an environmental scientist and project manager. She has managed complex projects within the mining and power generation sectors, with a focus on industrial waste management. Sharon has managed multi-national and multi-disciplinary teams on environmental and social due diligence projects in Africa.

Sharon has worked on a variety of mining projects including diamond, coal, gold, vanadium and tailings reclamation projects. Within the energy space, she has been involved in linear transmission line projects through sensitive socio-economic and biophysical environments within South Africa. Sharon has worked on coal-fired power station, gas turbine, photovoltaic solar, wind turbine and hydro-electric scheme projects.

Sharon also has experience on Resettlement Action Plans, Livelihood Restorations Plans and Community Census within southern Africa. Sharon has worked on various projects within Mozambique, Botswana, Namibia, Nigeria, Lesotho and South Africa.

## PROJECTS

### Kareerand TSF Expansion Project (2020)

The AngloGold Ashanti Tailings Storage Facility (TSF) at Kareerand needed to be expanded for the purposes of reprocessing of other local tailings facilities and depositing the processed tailings at the Kareerand TSF. Sharon project managed the integrated Environmental Authorisation Application, which included an Environmental Impact Assessment under the National Environmental Management Act NEMA (Act 107 of 1998 as amended), a Waste Management License Application under the National Environmental Management: Waste Act NEMWA (Act 59 of 2008, as amended) and an Integrated Water and Waste Management Plan under the National Water Act NWA (Act 36 of 1998, as amended).



<b>Sibanye Stillwater IWWMP and RSIP updates for 6 mines (2020)</b>	Update of the Rehabilitation Strategic Implementation Plans and Integrated Water and Waste Management Plans for Marikana, Baobab, Rustenburg, Blue Ridge, Kroondal and Kwezi, and Pandora Mines.
<b>Impala Platinum Stakeholder Engagement Process for SLP (2020)</b>	Management of the Stakeholder Engagement Process for the Social and Labour Plan 2 and 3. The process included two rounds of meetings with key stakeholders and registered interested and affected parties.
<b>Tshipi Borwa Ramp Up Feasibility Study (2020)</b>	A feasibility assessment was carried out and an environmental study was undertaken to inform the proposed ramp up. This included any environmental impacts of risks that may increase as a result of the ramp up, as well as the required environmental authorisations and licensing that would need to be obtained prior to initiation of the ramp up.
<b>Gauteng Rapid Land Release Project (2020)</b>	Environmental Screening and Feasibility Studies were carried out for 12 sites identified by the Department of Human Settlement for potential residential and commercial development. The study investigated the sensitivity of the receiving environments as well as the authorisations and licenses that would be required prior to development.
<b>ANRML ESDD (2020)</b>	Citibank required an Environmental and Social Due Diligence (ESDD) review of the African Natural Resources and Mining Limited (ANRML) Iron Ore Mine and Processing Plant proposed in Kaduna State of Nigeria. Sharon managed a multi-national and multi-disciplinary team of specialists on a site investigation and in the compilation of the gap analysis, Red Flag Report and ESDD Report. The ESDD review was carried out against a reference framework including IFC Performance Standards, Equator Principles III, African Development Bank Guidelines and Nigerian environmental and mining legislation.
<b>Tutuka Power Station Exemption Amendment Appeal (2020)</b>	The Tutuka Power Station requested an amendment to the exemption of lining the continuous Ash Disposal Facility (ADF) for an additional period over the exempted 54ha that had been approved. The Amendment Application was rejected. Sharon managed the process for Appeal and compiled the Appeal document in response to the rejection, citing legislative support and specialist findings as motivation.
<b>Chitima Monitoring Program (2019)</b>	The proposed Chitima Integrated Coal Power Project in Tete Province of Mozambique undertook a monthly monitoring program for ambient air quality and ground and surface water quality. Sharon project managed the process for a period of two years, directing resources for sampling, lab analysis, interpretation and reporting.
<b>Chitima ESIA and RAP (2019)</b>	Sharon managed the finalisation of the ESIA Report for submission to the Mozambican authority for decision making. She further managed the initial stages of the Resettlement Action Plan for an estimated 718 households that would need to be relocated due to the proposed coal mine and power station development. Sharon managed the community census update and provided input to the RAP strategy and identification of directly and indirectly affected households. Sharon worked with a local Mozambican social consultant to align the RAP to the local legislation and to international best practice.

<b>Kangra Mine Water Liability Assessment (2019)</b>	Kangra Coal operates several mines throughout South Africa. Kangra required a Water Liability Assessment to inform the closure costs for the various mines. Sharon managed the specialist input from the hydrologists and hydrogeologists in compliance with the relevant and applicable South African legislation around mine closure and financial provisioning. The final report was submitted to Kangra Coal with closure budgets for decommissioning and post-closure water treatment costs per mine.
<b>Richards Bay Combined Cycle Power Plant (2018)</b>	Sharon project managed the Integrated Environmental Authorisation process for the proposed Combined Cycle Power Plant, which is a gas-powered facility. The project entailed specialist investigations, specifically around wetland and terrestrial ecology due to the high levels of biodiversity and endemism within the Richards Bay ecosystems. Engagement was facilitated with Conservation organisations, including Ezemvelo KZN Wildlife, the competent and commenting authorities, interested and affected parties and the proponent, Eskom.
<b>Kruisvallei Hydro-Electric Scheme (2018)</b>	Sharon project managed the Integrated Environmental Authorisation process for the proposed Kruisvallei Hydro-Electric Scheme near Bethlehem in the Free State Province, along the Ash River. Issues around this proposed project included tourism activities along the river, as well as the impact of the Lesotho Highlands Water Project on the flow of the Ash River, which will affect the hydro-scheme feasibility. Sharon managed various specialist studies to compile the Applications and supporting Reports for this project.
<b>Thabametsi IPP Coal-Fired Power Station (2018)</b>	The Thabametsi IPP Coal-Fired Power Station project in Lephalale, Limpopo Province, initiated an Appeal in response to a negative decision regarding the Environmental Authorisation application. Sharon managed the appeal, which focused on updating the air quality specialist study and including a Climate Change Assessment. In addition to the Appeal, Sharon managed the permitting required for the relocation of endangered spider species from the development site and permits for the removal of protected trees.
<b>DEA First State of Waste Report (2018)</b>	Sharon was part of the Golder/Savanna team that compiled the First State of Waste Report for South Africa for the Department of Environmental Affairs. Sharon managed the plan for stakeholder engagement, which would include all provinces within South Africa. The key waste producers, re-users, recyclers, transporters and disposal contractors and organisations were classed as key stakeholders and extensive communication was arranged with these stakeholders and information from significant waste generating organisations was obtained and analysed for the Report.
<b>Khi Solar One (2017)</b>	Sharon managed the Environmental Control Officer ECO and all environmental auditing on site at Khi Solar One power plant near Pofadder in the Northern Cape. Solar One is a 100MW concentrated solar power (CSP) plant. Environmental aspects were identified, impacts were monitored and reported, and mitigation, management and avoidance recommendations were discussed with the client, Abengoa. The plant covers an area of 140 hectares.

<b>Medupi Power Station FGD Retrofit Integrated Authorisation Process (2017)</b>	In order for Medupi Power Station to reach compliance with the conditions of their Air Emissions License, the power station needed to reduce sulphur emissions. The preferred technology was identified as Flue Gas Desulphurisation (FGD). This technology needed to be retrofit to the power station infrastructure. Sharon managed the required Integrated Environmental Authorisation process for this retrofit. The process comprised of highly technical chemical and water quality and quantity information and assessment. Close communication with the relevant national and provincial authorities was maintained throughout the process, as well as intensive engagement with key stakeholders including the Trans-Caledon Tunnel Authority (TCTA) regarding construction of and allocation from the MCWAP 2 water scheme.
<b>Kendal Power Station Continuous Ash Disposal Facility (2017)</b>	Kendal Power Station received an approval for an extended life for coal-fired electricity generation. This required additional area for the deposition of ash for the extended period of operation. Sharon project managed the Integrated Environmental Authorisation process. A team of engineers and specialist consultants was coordinated to undertake the required assessments to understand the sensitivities of the local receptors and the potential for biophysical, social and economic impact. The existing ADF was not lined, and the continuous ADF would require a Class C liner. The implications of the continued ash deposition was analysed and interpreted within the Impact Assessment Report which was submitted to the authorities.
<b>Strategic Ash Beneficiation Project Exemption Application for Eskom (2017)</b>	Sharon managed the specialist analysis, technical reporting and stakeholder engagement for Eskom Holdings, in order to apply for exemption of pulverised boiler ash for specific uses. This application included rigorous research of international use of ash in road construction, brick making and soil amelioration. The application was approved and informed changes to the NEMWA legislation.
<b>Camden Power Station Grave Relocation (2016)</b>	Camden Power Station ADF was approved for extension. However, there were several graves that had been identified and would need to be relocated. Sharon managed the process of engaging with the Heritage Specialist, the undertaker and the police, as required by legislation. Sharon supported the Heritage Specialist in communicating with the communities and families of the deceased and arranging plots for the remains at the local cemetery.
<b>Koffiefontein Diamond Mine Slimes Dam Development EIA (2016)</b>	Sharon managed the process for the applications for Waste Management License and Environmental Authorisation for the Koffiefontein Diamond Mine Slimes Dam. This slimes dam would be the first South African mining waste facility that would be lined in terms of the NEMWA regulations. Sharon managed the specialists, engaged the engineers and other technical team members in order to successfully obtain the required license and authorisation.
<b>Ndumo Gezisa Basic Assessment (2015)</b>	Ndumo Gezisa 132kV powerline was proposed through very sensitive sand forest habitat in the north of the KwaZulu Natal Province. The process for the Basic Assessment included detailed GIS mapping, modelling and alternative route identification and assessment. The powerline development was very controversial because the line would carry electricity to remote areas of KZN that did not have access to power, but the line would impact on the periphery of a highly sensitive sand forest and would require the relocation of several homesteads. The process was successfully completed.

<b>Pongola Candover Golela 132kV powerline (2015)</b>	Eskom required the installation of a 132kV powerline from the Candover substation to the new Golela substation. The line would traverse several ecotourism operations. The project was contentious and extensive discussion was required with landowners and tourism operators to agree upon the preferred route and management planning.
<b>Kusile Power Station 60-year Ash Disposal Facility (2014)</b>	Sharon managed the team working on the Integrated Environmental Impact Assessment process for the proposed Kusile Power Station 60-year Ash Disposal Facility. The project entailed an EIA to cover the NEMA as well as the NEMWA regulations, as well as an Integrated Water and Waste Management Plan for the facility, including salt and water balance in terms of GN704.
<b>Sasol Mafutha Town Integrated Scoping Phase (2014)</b>	Sharon formed part of an extensive environmental team on the Sasol Mafutha project, which included the proposed Mafutha Mine, Mafutha Coal to Liquid Plant, and the Mafutha Town development. Sharon managed the Mafutha Town EIA process, including input to the Town design and layout for optimal environmental and socio-economic benefits. The project was halted after the Scoping Phase due to the client experiencing financial limitations.
<b>Grootvlei Power Station Solar Installation (2014)</b>	Grootvlei Power Station applied for environmental authorisation for a proposed solar installation to power components of a new plant on the Power Station footprint. The process was carried out through a Basic Assessment and the key aspect for assessment was the effect on the local wetland. Sharon managed this project successfully to obtain authorisation.
<b>National Foundry Technology Network Waste Management License Guideline (2013)</b>	Sharon was appointed by the National Foundry Technology Network to compile a Waste Management License Guideline. This Guideline was aimed at explaining the National Environmental Management: Waste Act NEMWA (Act 59 of 2008) and how foundries operating in South Africa would be affected by this legislation. The Guideline provided user-friendly steps toward compliance of all foundries to the legislation.
<b>Working Group for Ash Beneficiation (2013)</b>	Eskom established a working group for ash beneficiation, including other ash producers, such as Sasol, Mondi, Sappi, several academic institutions and the Coal Ash Association of South Africa. Sharon was appointed as the Environmental Advisor on this group. Sharon was active on the Working Group from 2013 to 2017.
<b>Palm Ridge 88kV and Substation (2012)</b>	Sharon managed the Basic Assessment for the proposed Palm Ridge 88kV powerline and substation. This project was aimed at providing electricity to the Palm Ridge community. The biggest challenge on this project was the planning of an inclusive public participation process for a community with a high level of illiteracy and inaccessibility to internet.
<b>Kimberley Engineering Works Foundry WML (2012)</b>	The Kimberley Engineering Works (KEW) Foundries has been operating for almost 100 years. With the promulgation of the NEMWA in 2008, KEW Foundry was required to comply with the regulations, and also to take cognisance of the National Environmental Management: Air Quality Act (Act 39 of 2004). Sharon managed the process for compliance to all relevant legislation.
<b>IWWMP for Emfuleni Local Municipality (2012)</b>	Emfuleni Local Municipality undertook to compile Master Plans for various waste aspects to be managed within the Municipality. Sharon project managed the compilation of the Integrated Water and Waste Management Plan which would input into the Waste Management Master Plan.

<b>Olifantsfontein Landfill Site Waste Management License and EIA (2011)</b>	The proposed Olifantsfontein general landfill site required environmental authorisation and Sharon was the project manager for the Waste Management License and Environmental Authorisation applications.
<b>Klippan Mine EIA and community resettlement (2011)</b>	Sharon was appointed by Klippan Mine to undertake the EIA application for the proposed expansion of the Klippan Coal Mine in Emalahleni, Mpumalnga Province. The project required the resettlement of several households for the purposes of expanding the open pit. Sharon managed the project up to the end of Scoping Phase, however, she recommended to the client that alternatives should be investigated as the impacts of the project were unacceptably high. The project was put on hold.
<b>Zimalco Foundry NEMWA Process (2011)</b>	Zimalco Foundry applied for a Waste Management License, and Sharon managed the process successfully to investigate potential environmental and socio-economic impacts of the Zimalco operation. The application was successful and Zimalco was compliant with the NEMWA going forward.
<b>Prima Foundry NEMWA Process (2011)</b>	Sharon managed the NEMWA Waste Management License Application Process for Prima Foundry. The Application was successful, and the Prima Foundry continued operating in line with the approved Waste Management Plan.
<b>Monterey Sands WML (2011)</b>	Monterey Sands is a foundry and sand reprocessing facility in the Benoni area. Sharon managed the application for a Waste Management License for the foundry and associated facilities.
<b>Bapsfontein SEA (2011)</b>	Bapsfontein Local Municipality undertook the compilation of the Strategic Development Framework (SDF) for the Municipality for 2011. Sharon managed the investigation and compilation of the Strategic Environmental Assessment to inform the planning of future development and conservation zones within the Municipality.
<b>Teak Place WULA (2010)</b>	Sharon undertook the compilation of the Water Use License Application for the proposed Teak Place Eco-Tourism development within the Cradle of Humankind.
<b>Erand Housing Development (2010)</b>	The Erand Housing Development required a Basic Assessment and EMP for the proposed residential 3 project. Sharon managed the environmental authorisation application process and undertook ECO auditing during the construction phase.
<b>Steloy 24G application (2010)</b>	Steloy Foundry applied for a 24G rectification for the disposal of solid waste to land. Sharon was involved in the process for rectification which was carried out as an Environmental Impact Assessment. Information provided through the process led to the competent authority fining the client and requiring rehabilitation of the impacted site.
<b>Integrated EIA for Cullinan Diamond Mins Dam 7 (2010)</b>	Sharon was the Environmental Assessment Practitioner on the project to gain approval for the rehabilitation and extension of Dam 7 at the Cullinan Diamond Mine in Northern Gauteng. The project included several specialist studies as well as input by the engineers around the safety of the dam and the compliance of the dam size to environmental regulations and safeguards.
<b>Sewage Pipeline from Wilge Village to Phola WWTP (2010)</b>	Sharon project managed the integrated application for the proposed sewage pipeline to reticulate sewage from Wilge Village to the Phola Wastewater Treatment Plant (WWTP). The pipeline route would traverse the Wilge River, requiring detailed investigations of the potential impacts to the River should there be a spill from the pipeline. The management plan needed to address the mitigation of these impacts.

<b>Rapid Factory Renovators (2010)</b>	Rapid Factory Renovators (RFR) is a recycling facility that reprocesses used foundry sand. This operation required a Waste Management License in compliance to NEMWA. Sharon successfully managed the process for the RFR.
<b>Venetia Mine Venus Project (2009)</b>	Sharon was the Environmental Assessment Practitioner on the Environmental Authorisation Application Process for the Venus Project at Venetia Mine in Messina, Limpopo Province. The project entailed the management of specialist studies, discussions with engineers and the relevant mine representatives to ascertain the feasibility of the project in terms of the potential for environmental and socio-economic impacts.
<b>Janho Quarry ECO Management (2009)</b>	Janho Quarry required weekly independent auditing by an Environmental Control Officer for the period of operation. Sharon was appointed as the ECO and undertook weekly investigations and compiled monthly compliance reports to the EMP for the site. Sharon managed the stakeholder grievance mechanism and reported these to the client for discussion and resolution.
<b>Rhenosterspruit Eco-Development (2009)</b>	Sharon undertook the compilation of the Eco-Reserve Conservation Plan for the proposed Rhenosterspruit Eco-Development within the Cradle of Humankind. The Conservation Plan supported the application for environmental authorisation.
<b>Geduld Township establishment (2009)</b>	The Geduld Township was earmarked for establishment near Springs in Gauteng Province. The township was controversial and the EIA processes entailed extensive stakeholder engagement with local land owners and residents. The site required specialist biodiversity investigations due to the size of the footprint and the conservation status of the grassland habitat.
<b>EMPr amendment for Kleinkopje Colliery (2009)</b>	The Kleinkopje Colliery required the amendment of their EMPr in order to include the Emalahleni Water Reclamation Project that affected the colliery management plan. Sharon worked at the environmental scientist on this amendment and undertook the site investigation, review of applicable reports and the technical amendment compilation.
<b>EMPr amendment for Landau Colliery (2008)</b>	Landau Colliery required the update of their EMPr to include the new Emalahleni Water Reclamation Project. Sharon worked at the environmental scientist on this amendment and undertook the site investigation, review of applicable reports and the technical amendment compilation.
<b>Update of Cullinan Diamond Mine (2008)</b>	Sharon undertook the update of the Cullinan Diamond Mine EMPr to include future operations planned for the mine. Sharon worked with specialist consultants as well as the mine engineers to ensure that all management issues were identified and addressed within the update.
<b>Sani Pass Border Region Tourism Plan (2008)</b>	Sharon project managed and compiled the Tourism Plan report for the Sani Pass Border Region. The Plan investigated the potential tarring of the road up Sani Pass to the Lesotho Border. This would make tourism access easier but was not supported by many of the tourism operators that took tourists up the pass in their 4x4 vehicles. Intensive stakeholder engagement was required for this study. Currently, as an outcome of this study, the Sani Pass road is being tarred.



<b>EMPr update for Kleinkopje Colliery (2007)</b>	Kleinkopje Colliery required to amendment of the EMPr to include the change in the Anglo Coal mining operations relating to the No. 4 coal seam. Sharon undertook the review and amendment of the EMPr for Anglo Coal.
<b>EMPr amendment for the Landau Colliery (2007)</b>	Landau Colliery required to amendment of the EMPr to include the change in the Anglo Coal mining operations relating to the No. 4 coal seam. Sharon undertook the review and amendment of the EMPr for Anglo Coal.
<b>Cradle of Humankind Eco-Development (2007)</b>	Sharon undertook the necessary process and technical report writing to submit an Implementation and Conservation Plan for the Cradle of Humankind Eco-Development. This development required integrated environmental authorisation.
<b>Kruger National Park Security Office (2007)</b>	Kruger National Park required a Tourism Plan for the Security Office near the Skukuza Gate. Sharon undertook the compilation of this Tourism Plan.
<b>EMPr amendment for Vametco Vanadium Mine (2006)</b>	Vametco Vanadium Mine located in Britz, North West Province, required an amendment of the EMPr to include additional operations that had been initiated. Sharon undertook the amendment for the colliery.
<b>EMPr amendment for Anglo Coal at Kriel Colliery (2006)</b>	Anglo Coal required the amendment of the Kriel Colliery EMPr in order to adjust the prospecting activities to consider the Elders Wetland. Sharon reviewed the proposed prospecting activities in relation to the potential impacts to the wetland and amended the EMPr to effectively include management action plans to mitigate these impacts.
<b>EMPr update for Greenside Colliery (2006)</b>	Sharon updated the Greenside Colliery EMPr for Anglo Coal to include the mining operations for the No. 4 coal seam.
<b>Cullinan Diamond Mine (2006)</b>	Cullinan Diamond Mine initiated a Biomonitoring Project to assess quarterly aquatic quality within the McHardyspruit and other affected surface water bodies. Sharon managed this programme, including the scheduling of monitoring events, laboratory analysis and the interpretation of results and report compilation.
<b>Pala Meetse Eco-Reserve EIA (2006)</b>	Sharon was the project manager for the Integrated Environmental Authorisation application for the proposed Pala Meetse Eco-Reserve between Bela-Bela and Modimole in the Limpopo Province. The applications were supported by an eco-reserve conservation plan. Stakeholder engagement was extensive due to the fact that surrounding cattle farmers did not support the application and were concerned about wildlife diseases affecting their cattle.
<b>EMPr addendum for Grootvlei Mine West Pit Operation (2005)</b>	Grootvlei Mine required an addendum to their EMPr to address the mining operations at the West Pit. Sharon undertook the compilation of the Addendum and submitted this to the competent authority for approval.
<b>Elders Mini Pit (2005)</b>	Sharon was the Environmental Practitioner responsible for the EIA and EMPr compilation and process for the proposed Elders Mini Pit opencast mining operation. The processes included extensive engineering and specialist input, as well as significant engagement with the mine on the proposed Mine Works Programme and Life of Mine.
<b>Kriel Dragline Walkway (2005)</b>	Anglo Coal required the transfer of the Kriel Dragline from the Syferfontein Colliery to the Kriel Colliery. Sharon was involved on the planning of the Dragline Walkway, as well as in the auditing of the walkway management and rehabilitation.

<b>EMPr for road diversion borrow pits (2005)</b>	Sharon undertook the Environmental Management Programme compilation for the road diversion at Kriel South Coal Mine in Mpumalanga.
<b>Evander Mega Tailings Facility (2005)</b>	Harmony Gold Mine required that a site selection process and pre-feasibility study be undertaken for the proposed Evander Mega Tailings Facility. Sharon was responsible for input to the site selection and pre-feasibility study in terms of environmental and socio-economic impacts and benefits.
<b>Mponeng Mine VCR Below 120 Level (2004)</b>	Sharon was the Environmental Practitioner responsible for the compilation of the Environmental Risk Assessment for the Mponeng Mine Refrigeration Expansion for the VCR Below 120 Level Project. Sharon needed to understand the technical implications and requirements for the refrigeration for the increased depth in mining in order to draw up the Risk Assessment and understand the environmental and socio-economic risks and benefits.
<b>No 17 Shaft Development at Impala Platinum (2004)</b>	A Scoping Report and Plan of Study for the EIA was compiled by Sharon for the proposed No 17 Shaft Development at the Impala Platinum Mine in Rustenburg, North West Province. This entailed review of existing operations and integration of engineering and specialist input to the assessment.
<b>McHardyspruit Diversion Basic Assessment (2003)</b>	Sharon was involved in the public participation process relating to the proposed McHardyspruit Diversion that Cullinan Diamond Mine applied for with the relevant competent authorities. Sharon engaged with key stakeholders as well as with interested and affected parties to ensure that the process was compliant to regulations and to facilitate engagement of stakeholders with the project to inform the client and decision making.
<b>Anglo Coal Biodiversity Action Plan (2003)</b>	Anglo Coal required Biodiversity Action Plans for eight operational collieries within the Mpumalanga Province. Sharon was responsible as the Environmental Practitioner and Floral Specialist to compile the Action Plans, including identification and mapping of medicinal, Red Data and conservation species for protection or for removal to a nursery. An Alien Invasive Management Plan was included within the eight Plans.
<b>Secretary of Eskom Waste Management Forum (2002 and 2003)</b>	Sharon served as the secretary of the Eskom Waste Management Forum in 2002 and 2003. This Forum discussed the performance of waste management within Eskom and promoted the introduction of innovative waste management technology.
<b>Grootvlei Power Station (2002)</b>	Eskom investigated the potential return to service of three older mothballed power stations; Komati, Camden and Grootvlei. Sharon managed the environmental risk assessment and EMPr for the potential return to service of the Grootvlei Power Station by 2010.
<b>Eskom Waste Management Software Investigation (2002)</b>	Sharon was responsible for investigation of waste management software for the management of Eskom office and industrial waste streams. This involved research of waste management systems and software that was available for multiple waste streams that would affect the reporting of volumes of waste from cradle to grave.
<b>Biological Control Research for Lanner Falcon control of pigeons in urban areas (2002)</b>	Sharon was responsible for the release and feeding of two juvenile Lanner Falcons on MegaWatt Park roof in Sunninghill. The falcons were hand-fed for a period of 3 months until they were able to hunt independently on the wing. The project found that the presence of the Lanner Falcons significantly reduced the numbers of pigeons nesting and breeding on the roof. Sharon worked with the specialist ornithologist on this project.



<b>Animal Behaviour and Interaction Program (2001)</b>	Sharon was allocated to undertake the animal interactions program at Eskom. This included research and problem solving around sociable weavers nesting on the distribution lines in the Northern Cape, the crows nesting on transmission lines in KZN, and woodpeckers damaging wooden distribution poles in remote KZN areas. Sharon also investigated the potential animal interactions with underground lines, and how these could be mitigated. Sharon won top Eskom researcher award for this programme in 2002.
<b>MEMBERSHIPS</b>	
<b>Committee Member</b>	IAIAsa Gauteng Branch Committee 2019 to 2020.
<b>Member</b>	IAIAsa
<b>Professional Registration</b>	SACNASP <i>Pr. Sci. Nat.</i> Environmental Management.
<b>Professional Registration</b>	EAPASA ( <u>Pending</u> )
<b>PUBLICATIONS</b>	
	<u>Creating an Enabling Environment for Mining in Uganda</u> . Presented at the 8 <sup>th</sup> Annual Mineral Wealth Conference in Kampala, Uganda. 3 <sup>rd</sup> October 2019.
	<u>Baseline Environmental and Social Assessments within the Exploration Phase</u> , Mining Weekly, April 2019.
<b>AWARDS</b>	
<b>Presentation of the Year (2013)</b>	National Foundry Technology Network presented the Presentation of the Year for Sharon's presentation on the NEMWA regulations and the implications for the Foundry Network.
<b>Researcher of the Year (2002)</b>	Eskom Researcher of the Year for Animal Interactions Programme, focusing on animal interaction with transmission and distribution lines, as well as with urban infrastructure.
<b>Best Research Project (2002)</b>	Sociable Weaver study in Groblershoop, Northern Cape, successfully solved the challenge of Sociable Weavers nesting on distribution lines, causing poles to collapse, or flashovers when wet.

## EAPASA

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## Environmental Assessment Practitioners Association of South Africa

*Advancing environmental assessment practice in South Africa*



Email: [registrar@eapasa.org](mailto:registrar@eapasa.org) / Website: [www.eapasa.org](http://www.eapasa.org)

Ms Sharon Meyer  
232-06 Percheron Road  
Beaulieu  
Midrand  
1684

Sent by email to: [sharonm@gcs-sa.biz](mailto:sharonm@gcs-sa.biz)

Dear Ms Meyer

**Registered Environmental Assessment Practitioner: Number 2019/976**  
**Sharon Lee Meyer : South African ID 7612140229084**

The Environmental Assessment Practitioners Association of South Africa (EAPASA) herewith certifies that Sharon Lee Meyer is a Registered Environmental Assessment Practitioner (EAP) in accordance with the prescribed criteria of Regulation 15.(1) of the Section 24H Registration Authority Regulations (Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).

Your registration is duly authorised by EAPASA as the single Registration Authority for EAPs in South Africa (appointed as per Regulation No. 104, Gazette No. 41434 of 8 February 2018, in terms of section 24H(3)(a) of the NEMA). Your status as a Registered EAP is displayed in the 'EAP Register' - please find your name and contact email address at

<https://registration.eapasa.org/registered-practitioners>

Your registration is effective for a period of five years from 13 October 2020, and expires on 13 October 2025. The renewal of your registration in 2025 will be contingent on you having met the requirements of EAPASA's Continuing Professional Development (CPD) policy during each year of registration.

As a Registered EAP you are required to uphold the EAPASA Code of Ethical Conduct and Practice in your professional endeavours, towards the goal of quality assurance in environmental assessment practice.

Please accept my congratulations on your registration.

Best regards

Dr Richard Hill  
Registrar

Date: 13 October 2020

Board Members: Ms Snowy Makhudu (Chairperson), Mr Khangwelo Desmond Musetsho (Vice-Chairperson),  
Mr Ntsako Baloyi, Mr Zama Dlamini, Mr Siyabonga Gqalangile, Ms Jacqui Hex, Mr Phumudzo Nethwadzi, Mr Danie Neumann.  
Registrar: Dr Richard Hill  
NPO Reg. No. 122-986



# THE SOUTH AFRICAN COUNCIL FOR NATURAL SCIENTIFIC PROFESSIONS

herewith certifies that

**Sharon Lee Meyer**

Registration number 400293/05

has been 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**

15 November 2005

Pretoria

President

Chief Executive Officer

# CURRICULUM VITAE



## RIZQAH BAKER

### ENVIRONMENTAL CONSULTANT

Environmental Management, Planning & Approvals, Africa

### QUALIFICATIONS

BA Hons	2016
BA	2015

Environmental & Geographical Science  
Development & Environmental Studies

### EXPERTISE

- Environmental Control Officer
- Environmental Impact / Basic Assessment

Rizqah Baker is a consultant with four years of experience working in the environmental field, and has worked both in the public and private sectors. She worked in the Environmental & Heritage Management Department of the CCT; her roles included environmental auditing and providing comment on various Basic Assessment Reports (BARs), Method Statements, Environmental Management Programmes (EMPrs) and development proposals. Since joining SLR, Rizqah has worked on a number of BARs and Environmental Impact Reports (EIRs) in a range of sectors and has performed the role of Environmental Control Officer (ECO) for a variety of projects.

### PROJECTS

#### Environmental Impact / Basic Assessments

**Tharisa Minerals (Pty) Ltd – The proposed addition on of waste rock storage, North West (current)**

Scoping, EIA and EMPr Amendment process for the proposed addition of waste rock storage at the Tharisa Mine, North West. Rizqah's roles included assistance with the compilation of the Scoping, EIA and EMPr Amendment Reports.

**Impala Platinum Limited – The proposed increase of the flash dryer capacity and associated feed circuit modifications, North West Province (2020 - current)**

Basic Assessment (BA) process for the proposed increase of the flash dryer capacity and associate feed circuit modifications at the Impala Smelter Complex in the North West Province. Rizqah's acted as project assistant and assisted with the compilation of the BAR.

**Marula Platinum Limited – Addition of two ventilation shafts at the Marula Platinum Mine, Limpopo (2020 - current)**

Scoping, EIA and EMPr Amendment process for the proposed addition of two ventilation shafts at the Marula Platinum Mine, Limpopo. Rizqah assisted with the compilation of the EMPr Amendment Report and the required public participation process.

**AECOM SA (Pty) Ltd – The rehabilitation of the Distillery Road Bridge, Stellenbosch (2020 - current)**

BA process for the proposed rehabilitation of the Distillery Road Bridge, Stellenbosch. Rizqah's role included the compilation of the BAR, the undertaking of the required public participation process and the appointment and management of specialists.

<b>Atterbury – The construction of a fuel station within the Southern Precinct of Richmond Park (2019 - current)</b>	BA process for the proposed construction of a fuel station within the Southern Precinct of Richmond Park, Cape Town. Rizqah's roles included the compilation of the BAR and the undertaking of the required public participation process.
<b>EFG Engineers for the Western Cape Government (WCG): Department of Transport and Public Works (DTPW) – The improvement of Trunk Road 28, Section 1 (R43) between Botrivier and Hermanus, Western Cape (2019 - current)</b>	BA process for the proposed improvement of a section of the R43 between Botrivier and Hermanus in the Western Cape. Rizqah's roles included the compilation of the BAR, facilitation of the required public participation process and the management of the appointed specialists.
<b>Zevocept (Pty) Ltd – Development of a borrow pit, Western Cape, South Africa (2019 - current)</b>	BA process for the proposed development of a borrow pit on Farm Modder Rivier, Western Cape. Rizqah's roles included the compilation of the BAR, the undertaking of the required public participation process and the management of the appointed specialists.
<b>Aurecon South Africa (Pty) Ltd for the South African National Roads Agency SOC Limited (SANRAL) – Upgrade of N14/3, Northern Cape, South Africa (2020 - current)</b>	BA process for the proposed upgrade of a 1.4 km stretch of the N14 Section 3 from Kakamas (km 0.0) to the Orange River (km 1.4). Rizqah's roles included the compilation of the BAR and the undertaking of the required public participation process.
<b>Aurecon South Africa (Pty) Ltd for SANRAL – Upgrade of N1/4 and development of borrow pits, Western Cape, South Africa (2019 - current)</b>	BA process for the proposed upgrade of a 17 km stretch of the N1 Section 4 from Monument River (km 46.00) to Doorfontein (km 63.00), including the improvement of the Matjiesfontein intersection and development of additional borrow pits. Rizqah assisted the Project Manager in the compilation of the BAR and the undertaking of the required public participation process.
<b>GIBB (Pty) Ltd for the WCG: DTPW – Proposed river erosion protection measures for the Trunk Road 34 road embankment, Swart River bridge, Western Cape, South Africa (2020)</b>	EMPr amendment process for the proposed construction of river erosion protection measures for the Trunk Road 34 road embankment, Swart River bridge in Prince Albert, Western Cape. Rizqah's role entailed the amendment of the existing Construction EMPr in accordance with the competent authority's recommendations / requirements.
<b>TOTAL E&amp;P South Africa B.V – Exploration activities in Block 11B / 12B for oil and gas offshore the South Coast of South Africa (2019)</b>	Social Baseline Study and Social Impact Assessment (SIA) for the proposed exploration for oil and gas in License Block 11B / 12B offshore the South Coast of South Africa. Rizqah assisted with the undertaking of interviews with key stakeholders, the desktop review of information for the Social Baseline Study and assisted in the compilation of the SIA report.
<b>Saldanha Bay IDZ Licensing Company SOC Ltd – The storage of hazardous substances at the Saldanha Bay IDZ, Western Cape (2019)</b>	Scoping and Environmental Impact Assessment (EIA) process for fuel bunkering services at the oil and gas offshore service complex within the Saldanha Bay IDZ. Rizqah assisted the Project Manager with the compilation of the Scoping Report and EIR.



<b>Saldanha Bay IDZ Licensing Company SOC Ltd – The development of a used lubricant oil recycling facility at the Saldanha Bay IDZ, Western Cape (2019)</b>	Scoping and EIA process for a used lubricant oil recycling facility at the oil and gas offshore service complex within the Saldanha Bay IDZ. Rizqah assisted the Project Manager with the compilation of the Scoping Report and EIR and managed the required public participation process.
<b>De Beers Marine (Pty) Ltd – Prospecting Right application for offshore marine diamonds in Sea Concession 6C, West Coast, South Africa (2019)</b>	Scoping and EIA process for the proposed offshore bulk sampling operations in Sea Concessions 6C, off the West Coast of South Africa. Rizqah assisted the Project Manager in the compilation of the Scoping Report and EIR and the undertaking of the required public participation process.
<b>Royal HaskoningDHV Engineering and SMEC South Africa – Upgrade of the R61, KwaZulu-Natal (2019)</b>	EIA process for the proposed upgrading of three sections of the R61, KwaZulu-Natal, between Mthamvuma River and Mbizana River. Rizqah's role entailed the compilation of the EMPr associated with the EIR.
<b>ECO Services / Environmental Auditing</b>	
<b>SAB Maltings (Pty) Ltd – The Construction of a water pipeline, Caledon, Western Cape, South Africa (2020)</b>	ECO services for the construction of a water pipeline to augment water supply to the SAB Malting's plant in Caledon, Western Cape. Rizqah acted as the ECO, ensuring that the contractor complied with the Construction EMPr.
<b>EFG Engineers for the Western Cape Government (WCG): Department of Transport and Public Works – The upgrade of R310 between the N2 and Vlaeberg Road, Western Cape, South Africa (2019-2020)</b>	ECO services for the upgrade of the R310 (Baden Powell Drive) between the N2 and Vlaeberg Road, Western Cape. Rizqah acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMPr.
<b>Tshipi é Ntle Manganese Mining (Pty) Ltd – The construction of a 132kV powerline and 11kV/132kV substation, Northern Cape, South Africa (2019-2020)</b>	ECO services for the construction of a 132kV loop-in/loop-out ferrum powerline and associated 11kV/132kV substation in Hotazel, Northern Cape. Rizqah acted as the ECO and was responsible for ensuring the contractor complied with the EMPr. Rizqah's role also entailed the compilation of various permit applications for the removal of protected flora and fauna for the Project.
<b>AECOM SA (Pty) Ltd – Development of the Langebaan Waste Transfer Facility (2019-2020)</b>	ECO services for the development of the Langebaan Waste Transfer Facility. Rizqah acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMPr.
<b>HHO Africa for City of Cape Town: Transport and Urban Development Authority (CCT: TDA) – The upgrade of the R44 from Beach Road to Main Road, Somerset West, South Africa (2019-2020)</b>	ECO services for the upgrade of the R44 (De Beers Interchange) between Beach Road and Main Road, Somerset West. Rizqah acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMPr.

<b>Bergstan South Africa – The construction of emergency services in Imizamo Yethu, Hout Bay (2019-2020)</b>	ECO services for the construction of emergency services in Imizamo Yethu, Hout Bay. Rizqah acted as the ECO and was responsible for ensuring the contractor complied with the Environmental Management Specifications.
<b>New Age – Exploration activities in Algoa-Gamtoos Block off the East Coast of South Africa (2020)</b>	Environmental Audit Report for exploration activities in the Algoa-Gamtoos License Block off the East Coast of South Africa. Rizqah's role entailed the compilation of the Environmental Audit Report.
<b>Africa Energy Corporation – Exploration activities in Block 2B off the Coast of South Africa (2020)</b>	Environmental Audit Report for exploration activities in License Block 2B off the Coast of South Africa. Rizqah's role entailed the compilation of the Environmental Audit Report.
<b>We Buy Cars Properties (Pty) Ltd – The construction of a warehouse, Brackenfell (2019)</b>	ECO services for the construction of the We Buy Cars warehouse in Brackenfell, Western Cape. Rizqah acted as the ECO and was responsible for ensuring the contractor complied with the Construction EMP.
<b>Anadarko Petroleum Corporation – Exploration activities in Block 5/6/7 off the South-West Coast of South Africa (2019)</b>	Environmental Audit Report for exploration activities in License Block 5/6/7 off the South-West Coast of South Africa. Rizqah's role entailed the compilation of the Environmental Audit Report.
<b>Air Emissions Licences</b>	
<b>Northam Platinum – Atmospheric Emissions Licence for a platinum mine, North West (2020-2021)</b>	AEL application for the Northam Platinum mine in the North West. Rizqah assisted with the compilation of the AEL application.
<b>Clay Industry cc – Atmospheric Emissions Licence for a clay brick factory in Fisantekraal, Western Cape (2020)</b>	SLR was appointed to facilitate the Atmospheric Emissions License (AEL) application process to the CCT and associated public participation process. Rizqah's role entailed the compilation of the AEL application, undertaking the public participation process and compilation of the Public Participation (PP) Report.
<b>Lead and Solder cc – Atmospheric Emissions Licence for a lead and solder factory in Bellville, Western Cape (2019)</b>	AEL application process. Rizqah's role entailed the compilation of the AEL application.
<b>Other</b>	
<b>HARPS Holdings (Pte) Ltd – Operations EMP for Saldehco Ship-to-Ship Bunkering (current)</b>	Compilation of an Operations EMP for ship-to-ship bunkering operations in the Port of Saldanha. Rizqah assisted with the compilation of the Operations EMP.
<b>Simcha Trust – The consolidation of Erven 68 and 69 in Bakoven, Cape Town (2020)</b>	Applicability checklist compilation for the proposed consolidation of Erven 68 and 69, Bakoven. Rizqah's role entailed the compilation of the Applicability Checklist and the liaison with the appointed architects.
<b>Daveng Consulting Engineers – The reconstruction of the pedestrian walkway, Westlake (2019)</b>	Environmental Authorisation (EA) amendment process of the reconstruction of the pedestrian walkway in Westlake, Western Cape. Rizqah assisted with compilation of the EA amendment application process and facilitated discussions between specialists around design.

<b>KNPS KIPTS, Melkbosstrand, Cape Town (2017)</b>	Provided comment on the BAR and Maintenance Management Plan (MMP) for the proposed development of the Koeberg Insulator Pollution Testing Station (KIPTS) at Koeberg Nuclear Power Station (KNPS), Melkbosstrand on behalf of the CCT: Environmental Management Department.
<b>Health Care Waste Facility, Atlantis Industrial, South Africa (2017)</b>	Provided comment on the BAR for the proposed development of a health care waste facility in Atlantis Industrial on behalf of the CCT: Environmental Management Department.
<b>Diesel Tank Expansion at the KNPS, Melkbosstrand, South Africa (2017)</b>	Commented on the BAR for the proposed diesel tank expansion at Koeberg Nuclear Power Station, Melkbosstrand on behalf of the CCT: Environmental Management Department.
<b>Stonewood Mixed-Use Estate, Kraaifontein, South Africa (2017)</b>	Provided comment on the BAR for the proposed development of Stonewood Mixed-Use Development in Kraaifontein on behalf of the CCT: Environmental Management Department.
<b>SANCCOB Expansion, Table View, Cape Town (2017)</b>	Assisted in environmental auditing for the facility expansion of the Southern African Foundation for the Conservation of Coastal Birds (SANCCOB), Table View.
<b>Portuguese &amp; Italian Clubs, Brooklyn, Cape Town (2017)</b>	Conducted environmental audits of the Italian and Portuguese Clubs, Brooklyn as required as part of the lease agreements between the CCT (lessor) and the Clubs (lessee).
<b>OEMP, Big Bay, Cape Town (2017)</b>	Reviewed and updated the Operational Environmental Management Plan (OEMP) of Big Bay, as required as part of the issued EA of the Big Bay Developmental Area.
<b>MEMBERSHIPS</b>	
<b>IAIASA</b>	Member of the International Association for Impact Assessments (South Africa).
<b>TRAINING</b>	
<b>IAIA (2020)</b>	Completed the Foundations of Impact Assessment course of IAIA's Professional Development Programme.
<b>Pinpoint Health and Safety (2019)</b>	Completed the Defensive Driving course.
<b>AWARDS</b>	
<b>USIP Certificate of Commendation (2018)</b>	Received a Certificate of Commendation during the Urban Sustainability Internship Program (USIP) with the CCT for outstanding quality of work during the program.