

Ashleigh Maritz

Principal Scientist



Profession	Environmental Science and Management
Education	MSc, Biochemistry (<i>Cum Laude</i>), University of Johannesburg, 2007 BSc (Hons), Biochemistry (<i>Cum Laude</i>), University of Johannesburg, 2005 BSc, Chemistry and Biochemistry, University of Johannesburg, 2004 NQF Level 5, Outcomes based Assessor, ETDP-SETA, 2019
Registrations/ Affiliations	Pr.Sci.Nat, SACNASP, 400331/11 Member, EAPASA, 2020/547 Member, IAIAAs, 6480 Member, NACA
Awards	None

Specialisation Environmental project management; environmental and social impact assessments, due diligence reviews, strategic environmental planning, climate change resilience and adaptation, sustainability reporting, environmental construction management.

Expertise Ashleigh has 13 years' experience in the mining, agricultural, water, climate change, energy and infrastructure sectors specialising in environmental impact assessment and management, environmental and social safeguards, due diligence and environmental review. Her core expertise lies in project management of environmental and social impact assessments (within South African and Africa), auditing and due diligence/technical reviews. Ashleigh also has a keen interest in Climate Change and is focussed on developing her expertise in the mitigation and adaptation spheres of this field. Recently, Ashleigh has been involved in mega infrastructure and energy projects and her experience also spans into the mining and governmental sectors in South Africa, Zimbabwe, Malawi, Namibia, Democratic Republic of Congo, Botswana and Zambia.
Ashleigh has worked extensively in the Engineering, Procurement, Management and Construction (EPCM) environment and therefore has a thorough understanding of the project life cycle (from concept, pre-feasibility, feasibility and through to implementation) as well as how to provide an interface role between the technical engineering teams and environmental advisors on projects.

Employment

October 2021- present	SRK Consulting, Principal Environmental Scientist, Illovo, Johannesburg
2018 – present	SRK Consulting, Senior Environmental Scientist, Illovo, Johannesburg
2011 – 2018	Hatch Africa (Pty) Ltd, Senior Environmental Advisor, Johannesburg

Publications Various environmental and social publications and journal articles pertaining to climate change, environmental legislation, social transitioning to mine closure and other publications related to her Masters Dissertation.

Languages English – read, write, speak (excellent)
Afrikaans – read, write, speak (good)

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Key Experience: Environmental permitting

Location: Ndola, Zambia
 Project duration & year: Current
 Client: Mopani Mine
 Name of Project: Mopani Consolidation and EIS Update
 Project Description: Environmental Impact Statement and Consolidation for the Nkana and Mufulira Mopani Copper mines.
 Job Title and Duties: Project Manager responsible for team coordination and report compilation
 Value of Project: R 1.5 million in fees

Location: Limpopo Province, South Africa
 Project duration & year: Current
 Client: Anglo American Platinum – Mogalakwena Mine
 Name of Project: Mogalakwena Mine DAF Plants Environmental Impact Assessment
 Project Description: EIA process for the proposed Dissolved Air Floatation Plants Project at Mogalakwena Mine.
 Job Title and Duties: Project Manager responsible for team coordination and report compilation
 Value of Project: R 800 000 in fees

Location: Limpopo Province, South Africa
 Project duration & year: Current
 Client: Anglo American Platinum – Mogalakwena Mine
 Name of Project: Integrated Basic Assessment Project at Mogalakwena Mine
 Project Description: An Integrated Basic Assessment process for several proposed projects at Mogalakwena Mine including projects requiring various environmental authorisations such as Regulation 29 Part 1, Regulation 31 and basic assessment processes.
 Job Title and Duties: Project Manager responsible for internal team and specialist's coordination and report compilation
 Value of Project: R 1.7 million in fees

Location: Limpopo Province, South Africa
 Project duration & year: 2018 – 2020
 Client: Anglo American Platinum – Mogalakwena Mine
 Name of Project: Mogalakwena Mine Expansion Project
 Project Description: Environmental assessment process for the proposed Expansion Project at Mogalakwena Mine. The project includes a full Scoping/EIA process together with an extensive public participation exercise, Water Use Licence Applications and Regulation 29 Part 1 amendments for new technologies proposed at the Mogalakwena Mine
 Job Title and Duties: Environmental Coordinator
 Value of Project: R 5 million in environmental fees

Location: KZN, South Africa
 Project duration & year: Two years, 2017-2018
 Client: The KwaZulu-Natal Department of Transport
 Name of Project: Basic Assessment for Borrow Pit Applications within the iLembe District Municipality on Ingonyama Trust Land
 Project Description: Basic Assessments for the permitting of
 Job Title and Duties: Environmental Advisor and project manager of the Basic Assessment Process
 Value of Project: R250 000

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Key Experience: Environmental permitting

Location: Jericho Dam, Amsterdam, Mpumalanga Province, South Africa
 Project duration & year: One year, 2017-2018
 Client: Department of Water and Sanitation
 Name of Project: Jericho Dam Pump Station Refurbishment
 Project Description: Environmental permitting for the construction of a new pump station to replace the existing pump station at the Jericho Dam which is a National Key Point.
 Job Title and Duties: Environmental Advisor and project manager responsible for conducting the Basic Assessment Process.
 Value of Project: R 216 000 in environmental fees

Location: Western Cape, South Africa
 Project duration & year: Two years, 2017-2018
 Client: Western Cape Government Roads
 Name of Project: Basic Assessment for the flood damage repairs to structures on the MR309 in Seweweekspoort Pass, Western Cape
 Project Description: Basic Assessment and Water Use Licence process for the upgrade and repair of 30 storm water management structures along the MR309 road within the Seweweekspoort in the Western Cape.
 Job Title and Duties: Environmental Advisor and project manager of the Basic Assessment Process
 Value of Project: R250 000

Location: Welkom and Virginia, Free State Province, South Africa
 Project duration & year: Two years, 2016-2018
 Client: Matjhabeng Local Municipality
 Name of Project: Wastewater Treatment Works upgrades to the Virginia, Nyakallong and Theronia Works.
 Project Description: Environmental authorisation processes and three Water Use Licence Applications for required upgrades and repairs to the Virginia, Nyakallong and Theronia Wastewater Treatment Works.
 Job Title and Duties: Environmental Advisor and project manager responsible for conducting the permitting processes.
 Value of Project: R 2.5 million in environmental fees

Location: Eastern Cape, South Africa
 Project duration & year: Eight months, 2016
 Client: Amathole District Municipality
 Name of Project: Xora Rural Water Supply Scheme
 Project Description: The environmental scope included the compilation and submission of several General Authorisations in terms of the National Water Act of South Africa for stream crossings required by the project.
 Job Title and Duties: Environmental Assessment Practitioner and Project Manager
 Value of Project: R 250 000

Location: Limpopo, South Africa
 Project duration & year: Two months, 2011
 Client: De Beers
 Name of Project: Venetia
 Project Description: Undertaking of the necessary environmental authorizations for the amendment to the existing EMP in accordance with the MPRDA and NEMA
 Job Title and Duties: Environmental Scientist assisting with the compilation of the Scoping and EIA reports.
 Value of Project: R 1 million

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Key Experience: Environmental permitting

Project duration & year:	Six months, 2011
Client:	Anglo American Inyosi Coal
Name of Project:	Kriel Colliery EMPR Amendment for Block F
Project Description:	Environmental Impact Assessment and Environmental Management Programme for the proposed mining activities to take place within Block F on Kriel Colliery in Mpumalanga.
Job Title and Duties:	Environmental Scientist responsible for the coordination of the public participation component of the EIA/EMP; coordination of specialists; discussions with stakeholders and authorities; Compilation of the NEMA and NEMWA application forms; Compilation of the scoping and EIA/EMP report according to the MPRDA and NEMA requirements.
Value of Project:	R 1 million
Location:	Mpumalanga, South Africa
Project duration & year:	Six months, 2011
Client:	Anglo American Inyosi Coal
Name of Project:	Kriel Colliery EMPR Amendment for the Open Cast Operations
Project Description:	Environmental Impact Assessment and Environmental Management Programme for the proposed Open Cast mining activities to take place on Kriel Colliery in Mpumalanga.
Job Title and Duties:	Environmental Scientist Responsible for the coordination of the public participation component of the EIA/EMP; coordination of specialists; discussions with stakeholders and authorities; Compilation of the NEMA and NEMWA application forms; Compilation of the scoping and EIA/EMP report according to the MPRDA and NEMA requirements.
Value of Project:	R 1 million
Location:	Mpumalanga, South Africa
Project duration & year:	Six months, 2011
Client:	Anglo Coal
Name of Project:	Kleinkopje EMPR Alignments
Project Description:	Alignment of the existing approved EMPR documents according to a mine-specific directive sent to the Colliery by Mpumalanga DMR.
Job Title and Duties:	Environmental Scientist responsible for proposal preparation, client liaison, compilation of the Consolidation report.
Value of Project:	R 100 000
Location:	Mpumalanga, South Africa
Project duration & year:	1 year, 2009-2010
Client:	Anglo Inyosi Coal
Name of Project:	Kriel Colliery EMPR Amendment
Project Description:	Consolidation of existing approved EMPRs and additional EMPR amendments.
Job Title and Duties:	Environmental Scientist assisting with project Coordination. Assistance with the compilation of the consolidated document
Value of Project:	R 150 000

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Key Experience: Environmental permitting

Location: Limpopo, South Africa
 Project duration & year: 1 year, 2009-2010
 Client: Messina Platinum Mines Limited
 Name of Project: Baobab Mining Operation
 Project Description: Environmental Impact Assessment and Environmental Management Programme for the proposed mining activities to take place on Baobab mine near Lebowakgomo in Limpopo
 Job Title and Duties: Responsible for the coordination of the public participation component of the EIA/EMP; coordination of specialists; discussions with stakeholders and authorities; compilation of the scoping and EIA/EMP report according to the MPRDA and NEMA requirements.
 Value of Project: R 1.5 million

Location: Limpopo, South Africa
 Project duration & year: 1 year, 2009-2010
 Client: Messina Platinum Mines Limited
 Name of Project: Doornvlei Mining Operation
 Project Description: Environmental Impact Assessment and Environmental Management Programme for the proposed mining activities to take place on Doornvlei mine near Lebowakgomo in Limpopo
 Job Title and Duties: Responsible for the coordination of the public participation component of the EIA/EMP; coordination of specialists; discussions with stakeholders and authorities; compilation of the scoping and EIA/EMP report according to the MPRDA and NEMA requirements.
 Value of Project: R 1.5 million

Location: Mpumalanga, South Africa
 Project duration & year: Three months, 2009
 Client: BHP Billiton Energy Coal South Africa
 Name of Project: Klipspruit
 Project Description: Consolidation of the three existing EMPs for the Klipspruit Colliery into a single document as per the directive issued by the DMR.
 Job Title and Duties: Environmental Scientist
 Value of Project: R 200 000

Location: Mpumalanga, South Africa
 Project duration & year: Four months, 2009
 Client: Samancor Chrome
 Name of Project: Samancor Chrome energy recovery project, Witbank, Middelburg and Steelpoort
 Project Description: Preparation of three separate Environmental Impact Assessments for the installation of two new furnaces at Ferrometals in Witbank, Middelburg Ferrochrome and at Tubatse Ferrochrome.
 Job Title and Duties: Environmental Scientist assisting the environmental project manager
 Value of Project: R 200 000

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Key Experience: Environmental permitting

Location: Limpopo, South Africa
Project duration & year: Five months, 2008
Client: Messina Platinum Mines Limited
Name of Project: Dwaalkop Mining Operation
Project Description: Environmental Impact Assessment and Environmental Management Programme for the proposed mining activities to take place on Dwaalkop mine near Lebowakgomo in Limpopo
Job Title and Duties: Responsible for the coordination of the public participation component of the EIA/EMP; coordination of specialists; discussions with stakeholders and authorities; compilation of the EIA/EMP report according to the MPRDA requirements.
Value of Project: R 900 000

Location: DRC
Project duration & year: Eight months, 2008
Client: International Barytex Resources
Name of Project: Shituru Copper Project Environmental and Social Impact Assessment
Project Description: Compilation of the Environmental and Social Impacts Assessment and the Environmental and Social Management Plan for Shituru Copper mine in the DRC.
Job Title and Duties: Environmental Scientist: responsible for client liaison, reporting to the project team in Canada, coordination of specialist studies and reports, compilation of the ESIA, ESMP and Annex IV Report (according to the DRC regulations)
Value of Project: R 2 million

Location: Mpumalanga, South Africa
Project duration & year: Six months, 2008
Client: Petroline Holdings (Pty) Ltd
Name of Project: Petroline Petroleum Pipeline Project
Project Description: Environmental Impact Assessment of the South African component to construct and operate a petroleum pipeline between Matola in Mozambique and Kendal in Mpumalanga, South Africa
Job Title and Duties: Environmental Scientist: assisted with the report compilation for the Pipeline EIA/EMP report
Value of Project: R 2 million

Project duration & year: Eight months, 2008
Client: Sasol Oil (Pty) Ltd
Name of Project: Sasol Alrode Basic Assessment
Project Description: Basic Assessment for the installation of a new Keropur storage tank at the Sasol Alrode Depot.
Job Title and Duties: Project coordinator responsible for data collection, public participation (including liaison with the relevant authorities), client liaison and the basic assessment report compilation

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Key Experience: Environmental auditing

Location: Gauteng Province, South Africa
 Project duration & year: 2021
 Client: Lesaffre
 Name of Project: Phase 1 Environmental Audit conducted for an industrial property located in the Germiston area of Johannesburg
 Project Description: Project manager
 Job Title and Duties: Project manager and auditor
 Value of Project: R66 000

Location: North West Province, South Africa
 Project duration & year: 2020
 Client: Anglo American Platinum - Rustenburg Platinum Mine Retained Operations
 Name of Project: Environmental Audit and Performance Assessment for the RPM Retained Operations
 Project Description: Audit of the consolidated Environmental Management Programme Report for submission to the authorities
 Job Title and Duties: Project Manager responsible for team coordination and report compilation
 Value of Project: R 70 000 in fees

Location: Gauteng, South Africa
 Project duration & year: 2020
 Client: Nampak
 Name of Project: Phase 1 Environmental Audit conducted for an industrial property located in the Germiston area of Johannesburg
 Project Description: Project manager
 Value of Project: R 50 000
 Job Title and Duties: Project manager and auditor

Location: Gauteng, South Africa
 Project duration & year: 2019
 Client: Blend Property Group
 Name of Project: Phase 1 Environmental Audit conducted for an industrial property located in the Germiston area of Johannesburg
 Project Description: Project manager
 Value of Project: R 27 000
 Job Title and Duties: Project manager and auditor

Location: Gauteng, South Africa
 Project duration & year: 1 month, 2018
 Client: Shaw Almex
 Name of Project: Phase 1 Environmental Audit
 Project Description: Phase 1 Environmental Audit conducted for an industrial property located in the Lea Glen area of Johannesburg
 Job Title and Duties: Project manager
 Value of Project: R 26 000

Project duration & year: 1 month, 2018
 Client: Valbruna Steel
 Name of Project: Phase 1 Environmental Audit
 Project Description: Phase 1 Environmental Audit conducted for an industrial property located in the Modderfontein area of Johannesburg
 Job Title and Duties: Project manager
 Value of Project: R 17 000

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Key Experience: Environmental due diligence/competent persons reporting

Location:	North-west province South Africa, Canada and Zimbabwe, South Africa
Project duration & year:	Current
Client:	Confidential
Name of Project:	SSW Competent Persons Reporting of various platinum and gold assets situated in South Africa, Zimbabwe and Canada
Project Description:	Technical advisory services, including environmental advisory. Due to the confidential nature of the work, the details cannot be disclosed.
Job Title and Duties:	Environmental Specialist/advisor responsible for the environmental compliance review and inputs to the Competent Persons Report for each asset
Value of Project:	Confidential
Location:	Mpumalanga, South Africa
Project duration & year:	2019-2021
Client:	Confidential
Name of Project:	Project Armstrong Competent Persons Reporting of various coal assets situated in Mpumalanga Province
Project Description:	Technical advisory services, including environmental advisory. Due to the confidential nature of the work, the details cannot be disclosed.
Job Title and Duties:	Environmental Specialist/advisor responsible for the environmental compliance review and inputs to the Competent Persons Report for each asset
Value of Project:	Confidential
Location:	Mpumalanga and Limpopo, South Africa
Project duration & year:	2018-2019
Client:	Confidential
Name of Project:	Environmental and Social Competent Persons review
Project Description:	Review of environmental and social issues, risks and liabilities associated with one platinum asset and two gold assets for a stock exchange.
Job Title and Duties:	Environmental reviewer responsible for the environmental compliance review and inputs to the Competent Persons Report
Value of Project:	Confidential
Location:	Mpumalanga, South Africa
Project duration & year:	Six weeks, 2018
Client:	Goldman Sachs
Name of Project:	Goldman Sachs Due Diligence three coal assets in Mpumalanga Province
Project Description:	Technical advisory services, including environmental advisory. Due to the confidential nature of the work, the details cannot be disclosed.
Job Title and Duties:	Environmental Advisor responsible for the environmental compliance review, closure cost review and input to the due diligence report
Value of Project:	Confidential
Project duration & year:	Six weeks, 2018
Client:	Industrial Development Corporation
Name of Project:	Due Diligence of a Phosphate mine and plant.
Project Description:	Technical advisory services, including environmental advisory. Due to the confidential nature of the work, the details cannot be disclosed.
Job Title and Duties:	Environmental Advisor responsible for the environmental compliance review, closure cost review and inputs to the due diligence report
Value of Project:	Confidential
Location:	Mpumalanga, South Africa

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Project duration & year: Six weeks, 2017
Client: Standard Bank
Name of Project: Project Libra Due Diligence of three coal mines situated in Mpumalanga Province
Project Description: Technical advisory services, including environmental advisory. Due to the confidential nature of the work, the details cannot be disclosed.
Job Title and Duties: Environmental Advisor responsible for the environmental compliance review, closure cost review and input to the due diligence report
Value of Project: Confidential

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Key Experience: Strategic environmental reporting and Advisory

Location: Tanzania
 Project duration & year: Current
 Client: OreCorp
 Name of Project: Decarbonisation options analysis for a Gold Mine in Tanzania
 Project Description: Presentation of various technical decarbonisation options feasible to implement as part of the gold mining and processing life cycle in order to assist OreCorp in reducing their proposed carbon footprint in support of the Feasibility Study.
 Job Title and Duties: Project specialist
 Value of Project: R150 000

Location: Zambia
 Project duration & year: 2021
 Client: CEC Energy
 Name of Project: Sustainability Reporting and Environmental and Social Safeguards Training
 Project Description: Provision of training on the Global Reporting Initiative, Task Force for Climate Disclosure TFCD, and Climate Disclosure Project reporting to the CEC Executive and organisation team in order to assist CEC with preparing for sustainability reporting. Additional training was also provided on the Environmental and Social Safeguards in line with the World Bank requirements.
 Job Title and Duties: Trainer
 Value of Project: R 250 000

Location: DRC and South Africa
 Project duration & year: 2019 - current
 Client: Ivanhoe Mines Ltd
 Name of Project: Scoping and Implementation Support for Ivanhoe Group's Environmental System
 Project Description: To provide environmental system scoping and implementation support to the site-based environmental and technical teams at Platreef, Kamoakakula and Kipushi (otherwise known as 'the Group'). The objective of this project is to assist Ivanhoe with Group-wide standardisation and alignment of environmental reporting methodology and documents; in preparation for the implementation of the IsoMetrix 4 integrated risk management software
 Job Title and Duties: Project Manager responsible to team coordination, report compilation and client engagement
 Value of Project: R 600 000 in fees

Location: DRC and South Africa
 Project duration & year: 2018 and 2019
 Client: Ivanhoe Mines Ltd
 Name of Project: Environmental Management Gap Analysis Group Level 2019
 Project Description: Gap analysis assessment of the current environmental management and monitoring processes taking place at three of Ivanhoe's project sites. The overall aim of the exercise was to identify what environmental management gaps exist in each project in terms of environmental monitoring and management, water stewardship reporting and greenhouse gas emissions reporting. The findings of the gap analysis were used to make practical recommendations on how to effectively fill the identified gaps. In addition, environmental management and monitoring were compared between the three projects to determine where alignment was needed across the operations to prepare for full audit verification of the environmental data in Ivanhoe's 2020 sustainability report.

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Job Title and Duties: Project Manager responsible to team coordination, report compilation and client engagement
 Value of Project: R 400 000 in fees

Location: Uganda
 Project duration & year: 2019
 Client: United Nations Development Programme
 Name of Project: Uganda Department of Environmental Sector Support Services Strategic Plan
 Project Description: Uganda has enjoyed an exponential socio-economic transformation over the past two decades due to political stability and support from developing partners and the Ugandan people. Rapid economic growth has, however, had a negative impact on the environment to such an extent that environmental degradation has resulted in a recent decline of this economic growth. The environmental degradation and pollution can be attributed to inadequate environmental governance. While Uganda does have strong environmental institutions in place, as well as good policies, plans and environmental legislation, a lack of funding and resources (including staff) to implement these policies and laws has compromised environmental governance. Therefore, more comprehensive interventions with long-term objectives are required which will guide coordination of the efforts in the environmental sector. To assist in meeting this requirement, SRK and a local Ugandan partner were appointed by the United Nations Development Programme in 2018 to compile a strategic environmental plan for the Ugandan government to guide environment and natural resource management for the next ten years.

Job Title and Duties: Project Manager
 Value of Project: R 400 000 m in environmental fees

Location: SADC Member States
 Project duration & year: 2020
 Client: SADC-GMI
 Name of Project: Southern African Development Community – Lessons Learnt Project
 Project Description: The Southern African Development Community Groundwater Institute (SADC-GMI) has embarked on a process to capture lessons learned from the World Bank Funded “Sustainable Groundwater Management in SADC Member States project”, which is scheduled to end on the 31st of December 2020 and to develop a new regional groundwater programme. The objectives of the SADC-GMI Lessons Learned Project (LLP) are to firstly develop a background document on the emerging issues and lessons learned from implementation of the Sustainable Groundwater Management (SGM) in SADC Member States Project; and secondly, develop a ten-year (split into two five-year periods) bankable project proposal document for the implementation of a new SADC groundwater programme from 2021.
 Value of Project: R 1 500 000 in environmental fees

Location: Malawi, Lesotho, Mozambique, Tanzania, Zambia, Eswatini, Angola, DRC, Zimbabwe and South Africa
 Project duration & year: 2018 – ongoing
 Client: SADC-GMI
 Name of Project: SADC-GMI Environmental and Social Safeguard Support Project
 Project Description: Environmental and Social safeguards review of projects submitted by several SADC member states as part of the SADC Sustainable Groundwater Management Project.
 Job Title and Duties: Environmental Safeguards specialist
 Value of Project: R 2 million in environmental fees

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Key Experience

Environmental Management and Advisory

Location:	Polokwane, Limpopo Province, South Africa
Project duration & year:	2017 – 2018
Client:	Anglo American Platinum
Name of Project:	SO ₂ Abatement Plant at Polokwane Smelter
Project Description:	Management of an external environmental consultant of behalf of Hatch Africa and management of the Environmental Control Officer for the construction phase. The SO ₂ Abatement Plant was required for the Polokwane Smelter in order to assist the smelter in meeting the 2020 minimum emissions standards in terms of the National Air Quality Management Act.
Job Title and Duties:	Environmental Manager responsible for managing an external Environmental Assessment Practitioner, managing the ECO during construction, tender evaluation of contractor's and assistance to the Hatch engineering team during the feasibility and construction phases.
Value of Project:	R 2 million in environmental fees
Location:	Norway
Project duration & year:	6 months, 2018
Client:	Nordic Mining
Name of Project:	Engerbø Rutile and Garnet Project
Project Description:	Pre-feasibility and feasibility studies for the proposal rutile and garnet mine in Norway.
Job Title and Duties:	Environmental advisor responsible for compiling the environmental design criteria to inform the engineering design for the feasibility phase.
Value of Project:	R 280 000 in environmental fees
Project duration & year:	Three years, 2015-2018
Client:	Zimbabwe Power Company
Name of Project:	Hwange Transmission Work Expansion Project
Project Description:	The Project entails the proposed expansion of the generating capacity of the Hwange thermal power and Kariba hydropower stations to meet the country's energy demand. A network study undertaken by Hatch Africa (Project Owner's engineers) identified a number of transmission routes in the national grid that would require upgrading for greater capacity or the installation of new transmission lines. In addition to this, there will also be extensive substation work. The main components of the project included the Hwange-Insukamini (Bulawayo) new 400 kV transmission line, new Hwange sub-station and Insukamini sub-station upgrade; Insukamini-Marvel new 330 kV transmission line and Marvel sub-station upgrade and new Sherwood sub-station, near Kwekwe.
Job Title and Duties:	Environmental Advisor – management of the local environmental consultant and review of the Environmental and Social Impact Assessment process and reports to IFC/World Bank standards.
Value of Project:	Confidential
Location:	Gauteng Province, South Africa
Project duration & year:	Two years, 2016-2017
Client:	Gauteng Department of Economic Development
Name of Project:	Gauteng Industrialisation Project – Furniture Manufacturing Hub
Project Description:	Development of a business case to detail the development of a furniture manufacturing hub in the Roodepoort Industrial area of Johannesburg. The aim of the project was to determine what would be required in order to revitalise the furniture manufacturing industry in Gauteng.
Job Title and Duties:	Project Manager and study coordinator
Value of Project:	R225 000

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Location: Mpumalanga, South Africa
 Project duration & year: Two years, 2016-2017
 Client: Eskom
 Name of Project: Eskom Majuba Rail Project
 Project Description: Environmental compliance for the duration of the construction of the railway line. The contract included but was not limited to ensuring that contractors complied with all relevant health and safety and environmental legislation, EMP requirements, Eskom procedures and protocols and the project schedule. Responsibilities also included application for borrow pit closures, developing and implementing the water sampling requirements for the project, ongoing awareness training and reporting incidents.
 Job Title and Duties: Environmental Manager responsible for managing the environmental control officer and contractors ECOs on site
 Value of Project: R 2 million

Project duration & year: Two years, 2015-2017
 Client: Eramet South Africa
 Name of Project: Mukulu Manganese Mine
 Project Description: Pre-feasibility and feasibility study for the development of a proposed manganese mine, associated rail siding and relocation of Eskom transmission lines near Hotazel in the Northern Cape. The exact details cannot be disclosed due to the project being confidential in nature. The project involved extensive stakeholder engagement, a rail route options analysis (including environmental sensitivity analysis of the various scenarios) as a component of several environmental authorisation processes which were conducted
 Job Title and Duties: Environmental Advisor responsible for managing the Environmental Assessment Practitioner (GCS) and providing an interface role between the EAP and the engineering team
 Value of Project: R1.3 million

Location: Northern Cape, South Africa
 Project duration & year: One year, 2014-2015
 Client: Assmang
 Name of Project: King TFR Mainline Deviation Project
 Project Description: Review, auditing and signoff of external contractor's audits and management of the Environmental Officer on site for the rail deviation.
 Job Title and Duties: Environmental Manager responsible for managing the environmental control officer and contractors ECOs on site
 Value of Project: R 250 000

Location: Eastern Cape, South Africa
 Project duration & year: Six months, 2015
 Client: Municipal Infrastructure Support Agent
 Name of Project: Nxuba waste management project
 Project Description: The environmental scope included reviewing and updating the Nxuba Municipality's Integrated Waste Management Plan (IWMP), developing a Status Quo report for the Bedford and Adelaide Waste management sites and compiling a 10-year waste master plan for the Nxuba Municipality.
 Job Title and Duties: Environmental Advisor responsible for the IWMP update
 Value of Project: R 200 000

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Location: Mpumalanga, South Africa
 Project duration & year: Six months, 2013
 Client: Eskom Holdings SOC Limited
 Name of Project: Kendal Power Station Integrated Access Control Project
 Project Description: The project involved the design of an integrated access control system at the main gate of Kendal Power Station. The environmental tasks were limited to the Concept phase of the project and included Environmental sensitivity screening, a preliminary environmental risk assessment as well as a preliminary permitting strategy and Environmental Design Criteria.

Job Title and Duties: Environmental Advisor
 Value of Project: R 100 000

Project duration & year: Two years, 2011-2013
 Client: Transnet
 Name of Project: 16Mtpa Manganese Line expansion project
 Project Description: Assistance with management of the Environmental Assessment Practitioners conducting the Authorisation Processes for the Rail upgrade, construction of the compilation yard and the development of a manganese export facility within the Coega IDZ. Also carried out the permitting process for numerous borrow pits required along the line in both the Northern Cape and Eastern Cape.

Job Title and Duties: Environmental Advisor and project coordinator
 Value of Project: R1.3 million

Location: South Africa and Mozambique
 Project duration & year: Six months, 2012
 Client: Industrial Development Corporation
 Name of Project: Masorini Advanced Work for Feasibility
 Project Description: Project involved environmental input at three locations - two locations being South African based and the other based in Mozambique for the Advanced Work for Feasibility Phase (equated to a phase between Concept and Pre-feasibility). The exact details cannot be disclosed due to the project being confidential in nature.

Job Title and Duties: Environmental Advisor
 Value of Project: R 300 000

Location: Inhambane, Mozambique
 Project duration & year: Two years, 2011-2012
 Client: Rio Tinto Iron and Titanium
 Name of Project: Mutamba
 Project Description: This project entails environmental input for three export options and two mining site options within the province of Inhambane in Mozambique. Duties included managing the environmental baseline studies for the pre-feasibility stage together with the Environmental Impact Assessment for the feasibility stage. In addition to this, duties included consultation with the Mozambican authorities as well as the management of the in-country registered consultant (Impacto) who will be carrying out most of the Social related studies.

Job Title and Duties: Environmental Advisor
 Value of Project: R1.3 million

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Project duration & year: 16 months, 2009
Client: Chapudi Coal (Pty) Ltd and Kwezi Mining Exploration (Pty) Ltd
Name of Project: Chapudi Coal Environmental Baseline Assessment
Project Description: Baseline assessment for the proposed Chapudi Coal mine situated at the foot of the Soutpansberg Mountains near Waterpoort in Limpopo.
Job Title and Duties: Environmental Scientist responsible for client liaison, proposal preparation, project progress presentations and reporting to the project team, coordination of specialist studies and reports, compilation of the baseline assessment reports.
Value of Project: R 1 million

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Key Experience

Climate assessment and management

Location:	Japan
Project duration & year:	January – March 2021
Client:	Japan Oil, Gas and Metals National Corporation (JOGMEC)
Name of Project:	Study on Technical Measures to Reduce and Offset Carbon Dioxide Emissions in the Mining Industry
Project Description:	Review and investigation into major sources of Greenhouse Gas emissions (GHG) from the Mining Industry and associated smelters and technology to reduce emissions being implemented globally.
Job Title and Duties:	Researcher focusing on identification and reporting on case studies for GHG reductions in smelters.
Value of Project:	\$90 000
Location:	Newcastle, South Africa
Project duration & year:	September – December 2020
Client:	Newcastle Cogeneration
Name of Project:	Climate Change Impact Assessment
Project Description:	Assessment of the impact the project poses to climate change and the potential risks posed by predicted climatic changes to the project and identification of potential adaptation strategies.
Job Title and Duties:	Specialist including document review, impact assessment, identification of mitigation measures and adaptation strategies and reporting.
Location:	Eastern Cape, South Africa
Project duration & year:	Current
Client:	Eastern Cape Department of Economic Development, Environmental Affairs and Tourism (DEDEAT)
Name of Project:	Mainstreaming Climate Change aspects into Five Department of Economic Development, Environmental Affairs and Tourism Policies
Project Description:	Reviewing and mainstreaming climate change aspects into selected DEDEAT Policies / Plans.
Job Title and Duties:	Specialist responsible for the research and compilation of the various reporting deliverables together with other members of the SRK research team
Value of Project:	R 200 000 in fees

Ashleigh Maritz

Principal Scientist

Key Experience

Climate assessment and management

Location:	Mpumalanga, South Africa
Project duration & year:	Current
Client:	Anglo American Coal
Name of Project:	SACE Lifex
Project Description:	Climate assessment for the SACE Lifex Project in support of the pre-feasibility studies and in compliance to the IDM
Job Title and Duties:	Specialist responsible for the research and compilation of the climate assessment together with other SRK team members
Value of Project:	R 50 000 in fees
Location:	DRC and South Africa
Project duration & year:	2018-2019
Client:	Ivanhoe Mines Ltd
Name of Project:	Environmental Management Gap Analysis Group Level 2019
Project Description:	A review of the greenhouse gas (GHG) reporting across the three projects using information obtained from publicly availability documentation, information supplied by Ivanhoe and from the interviews conducted on site
Job Title and Duties:	Specialist responsible for the research and compilation of the report together with other team members
Value of Project:	R 400 000 in fees (entire reporting component)



**Die Raad en Senaat van die
RANDSE AFRIKAANSE UNIVERSITEIT
verklaar hiermee dat die graad**

**The Council and the Senate of the
RAND AFRIKAANS UNIVERSITY
hereby certify that the degree**

BACCALAUREUS SCIENTIAE

met studierigting with field of study

**Natuur- & Omgewingswetenskappe
Natural & Environmental Sciences**

met al die regte en voorregte daaraan
verbonde kragtens die Statuut van die
Universiteit toegeken is aan

with all its associated rights and privileges
in accordance with the Statute of the
University has been awarded to

ASHLEIGH JACKSON

by geleentheid van 'n kongregasie
van die Universiteit

at a congregation of the
University

Rector/Rector

Viserektor: Navorsing en Akademiese Bestuur
Vice-Rector: Research and Academic Management

10 DESEMBER/DECEMBER 2004
Johannesburg
ID 8301020130088





UNIVERSITY
OF
JOHANNESBURG

Die Raad en Senaat van die **UNIVERSITEIT VAN JOHANNESBURG** verklaar hiermee dat die graad
The Council and the Senate of the **UNIVERSITY OF JOHANNESBURG** hereby certify that the degree

BACCALAUREUS SCIENTIAE CUM HONORIBUS

(cum laude)

(Voltooi in ooreenstemming met die kurrikulum van die voormalige Randse Afrikaanse Universiteit)

(Completed in accordance with the curriculum of the former Rand Afrikaans University)

met studierigting with field of study

**Biochemie
Biochemistry**

met al die regte en voorregte daaraan **with all its associated rights and privileges**
verbonde kragtens die Statuut van die **in accordance with the Statute of the**
Universiteit toegeken is aan **University has been awarded to**

ASHLEIGH JACKSON

by geleentheid van 'n kongregasie **at a congregation of the**
van die Universiteit **University**

Visekanselier/Vice-Chancellor

Pro-Visekanselier en Viseprinsipaal/Pro Vice-Chancellor and Vice-Principal

24 APRIL/APRIL 2006
Johannesburg
ID 8301020130088





UNIVERSITY
OF
JOHANNESBURG

The Council and the Senate of the
UNIVERSITY OF JOHANNESBURG
hereby certify that the degree

MAGISTER SCIENTIAE
(cum laude)

with field of study

Biochemistry

with all its associated rights and privileges
in accordance with the Statute of the
University has been conferred upon

ASHLEIGH JACKSON

at a congregation of the University

Vice-Chancellor

Registrar

07 OCTOBER 2008
Johannesburg
ID 8301020130088





THE SOUTH AFRICAN COUNCIL
FOR
NATURAL SCIENTIFIC PROFESSIONS

herewith certifies that

Ashleigh Maritz

Registration number: 400331/11

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

EAPASA

Unit 19 Oxford Office Park
3 Bauhinia Street
Highveld Techno Park
Centurion
0157
Tel. (+27) 12 880 2154

Environmental Assessment Practitioners Association of South Africa

Advancing environmental assessment practice in South Africa



Email: registrar@eapasa.org / Website: www.eapasa.org

Mrs Ashleigh Maritz

Sent by email to: amaritz@srk.co.za

Dear Mrs Maritz

Registered Environmental Assessment Practitioner: Number 2020/547 Ashleigh Maritz :

The Environmental Assessment Practitioners Association of South Africa (EAPASA) herewith certifies that Ashleigh Maritz 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 24 January 2020, and expires on 24 January 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: 24 January 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, Ms Sibusisiwe Hlela,
Mr Malcolm Moses, Mr Phumudzo Nethwadzi, Mr Danie Neumann, Ms Keshni Rughoobeer.

Registrar: Dr Richard Hill
NPO Reg. No. 122-986