

Marius van Huyssteen

Partner | Principal Environmental Scientist



Profession

Principal Environmental Scientist

Education

RiskZA - Environmental Auditors Course,
ISO14001:2015, 2019

AVCASA Crop Protection Course, Tshwane
University of Technology, 2010

Project Management, Engineers & Technical
Professionals, The Essential Principles of Project
Management, Effective Human Interventions, 2009

Aspects International - Environmental Auditors
Course, ISO14001, 2007

Environmental Vegetation Management, New Africa
Skills Development (Pty) Ltd, 2006

BSc (Hons), Geography & Environmental
Management, University of Natal, 2003

BSc, Cellular, Molecular & Chemical Sciences,
University of Cape Town, 2002

Registrations/ Affiliations

Certified EAP with the Interim Certification Board for
EAPASA

Member, IAIAAsa

Awards

None

Specialisation

Environmental project management, environmental management, environmental auditing and compliance (incl. due diligence work), environmental impact assessment (EIAs), environmental management plans (EMPs), stakeholder engagement facilitation, mine closure and rehabilitation planning.

Expertise

Marius van Huyssteen is a Principal Environmental Scientist and Partner with over 16 years experience, primarily in South Africa, but also in Africa (including DRC, Sierra Leone, Lesotho and Mozambique). Marius' expertise lies predominantly in undertaking and managing large scale Environmental and Social Impact Assessments (ESIA) and environmental compliance / auditing projects compliant with in country legislation as well as Lender Standards (as required). In addition, he provides technical and/or review capabilities to SRK Teams working on risk assessment, due diligence, sustainability and mine closure and rehabilitation studies. He has worked on a wide range of projects, notably in the mineral sand mining industry, offshore telecommunications cables, renewable energy projects, light and heavy industrial developments, bulk material storage and handling facilities and electrical distribution infrastructure development.

Employment

2019 – present

SRK Consulting (Pty) Ltd, Partner, Durban

2016 – 2019

SRK Consulting (Pty) Ltd, Associate Partner, Durban

2014 – 2016

SRK Consulting (Pty) Ltd, Principal Environmental Scientist, Durban

2009 – 2013

SRK Consulting (Pty) Ltd, Senior Environmental Scientist, Durban

2004 – 2009

SRK Consulting (Pty) Ltd, Environmental Scientist, Durban

Publications

None

Languages

English – read, write, speak

Afrikaans – read, write, speak

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Key Experience: Environmental projects

Location: Sierra Leone
 Project duration & year: 2017 to 2018
 Client: Iluka/Sierra Rutile Limited (SRL)
 Name of the Project: SRL Environmental, Social, Health and Environmental Impact Assessment (ESHIA)
 Project Description: Development of an ESHIA and associated management plans for Area 1 of SRL's operations, in fulfilment of in-country legal requirements and aligned with good international industry practice standards and guidelines.
 Job Titles and Duties: Project manager, Environmental Assessment Practitioner, stakeholder engagement (technical presentation and respondent), reporting.
 Value of Project: R 15 000 000

Location: Isithebe, KZN
 Project duration & year: December 2015 to August 2016
 Client: Thukela Refractories, Isithebe (Pty) Ltd (TRI)
 Name of Project: Environmental baseline study for purposes of decommissioning for Thukela Refractories, Isithebe
 Project Description: Environmental baseline study report which detailed the findings of the assessments (both desktop and sub-surface investigation) and provided recommendations as appropriate.
 Job Title and Duties: Project management, Environmental Assessment Practitioner, specialist management, reporting and recommendations.
 Value of Project: R 248 000

Location: Various sites in KwaZulu-Natal
 Project duration & year: October 2015 to ongoing
 Client: Eskom Holdings (SOC) Limited
 Name of Project: Bush clearing permits and compliance monitoring for various 22kV powerlines in KwaZulu-Natal.
 Project Description: Botanical investigations and biodiversity permit applications (DAFF and EZKNW) for bush clearing for LV and MV powerlines in KZN.
 Job Title and Duties: Project manager, botanical report and application review, compliance monitoring.
 Value of Project: R 40 000 to R 140 000 per project.

Location: Richards Bay, KwaZulu-Natal
 Project duration & year: May 2015 to ongoing
 Client: Mhlathuze Water
 Name of Project: Nsezi Water Pipeline and Augmentation of the Nsezi Water Treatment Works, Richards Bay, KwaZulu-Natal.
 Project Description: EIA and WULA processes to upgrade the treatment capacity of the Nsezi WTW as well as the pipeline leading from the Mhlathuze River Weir to Lake Nsezi and to the Nsezi WTW.
 Job Title and Duties: Environmental Assessment Practitioner, project management, stakeholder engagement and facilitation, report review.
 Value of Project: R 2 300 000

Location: Various sites in KwaZulu-Natal and Gauteng
 Project duration & year: December 2012 – February 2013
 Client: Métier Mixed Concrete (Pty) Ltd.
 Name of Project: EMPr's for the Métier Mixed Concrete
 Project Description: EMPr's for for the Métier Mixed Concrete facilities in KwaZulu-Natal and Gauteng (8 facilities)
 Job Title and Duties: Project manager, technical review, reporting.
 Value of Project: R 80 000

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Key Experience: Environmental projects

Location:	Richards Bay, KwaZulu-Natal
Project duration & year:	2012 - 2016
Client:	Richards Bay Mining (Pty) Ltd. (RBM)
Name of Project:	Zulti South Mining Lease Area - Final Environmental Impact Assessment and Environmental Management Programme for the Mine's Services (DAEA Reference No: DC28/0067/07)
Project Description:	Environmental authorisation and WULA processes for the services to the Zulti South Mining Lease Area, including: A power supply, access route, 40 km underground pipeline to pump the heavy mineral concentrate (HMC), a booster HMC pump station, a raw water supply pump station at uMhlathuze weir and an underground water pipeline to the mine, cathodic protection systems and a fibre optic communication cable.
Job Title and Duties:	Environmental Assessment Practitioner, project co-ordination, reporting.
Value of Project:	R 3 500 000
Location:	Various sites in KwaZulu-Natal and Gauteng
Project duration & year:	October to November 2012
Client:	Métier Mixed Concrete (Pty) Ltd.
Name of Project:	Environmental due diligence investigation of Métier Mixed Concrete facilities in KwaZulu-Natal and Gauteng.
Project Description:	Investigate and report on Metier's operational facilities' compliance with relevant environmental legislation (i.e. environmental approvals, permits and licences) and produce an environmental due diligence assessment report.
Job Title and Duties:	Project manager, legal review, risk assessment, reporting.
Value of Project:	R 85 000
Location:	Richards Bay, KwaZulu-Natal
Project duration & year:	2011 - 2016
Client:	Richards Bay Mining (Pty) Ltd. (RBM)
Name of Project:	Environmental Studies in support of environmental authorisation in terms of NEMA, NEMWA and MPRDA and supplementary permit/license applications: Richards Bay Mining - Zulti South Lease Area.
Project Description:	Environmental authorisation process for all of the above applications. A consolidated process was followed to meet the requirements of the NEMA, NEMWA and MPRDA. Individual permit applications were submitted for the WULA, NNR certificate of registration and Planning and Development Act.
Job Title and Duties:	Project manager, Environmental Assessment Practitioner, reporting.
Value of Project:	R 15 000 000
Location:	Ndwedwe, KwaZulu-Natal
Project duration & year:	2011 - 2012
Client:	Eskom Holdings (SOC) Limited
Name of Project:	Construction of a 132kv Kingbird Power Line in Ndwedwe, KwaZulu-Natal
Project Description:	Provision of ECO and auditing services for the 20 km powerline construction project, including compilation of Environmental Implementation Plans to guide construction contractors with respect to environmental sensitivities.
Job Title and Duties:	Environmental control officer and lead auditor
Value of Project:	R 261 250

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Key Experience: Environmental projects

Location: Ndumo, Jozini Municipality, KwaZulu-Natal
 Project duration & year: 2011 - 2013
 Client: Eskom Holdings SOC Limited
 Name of Project: Environmental Control Officer for the Construction of a 132kv Power Line from the Nondabuya Substation to the proposed Ndumo Substation, KwaZulu-Natal.
 Project Description: Provision of ECO and auditing services for the 40 km powerline construction project, including compilation of Environmental Implementation Plans (EIP) to guide construction contractors with respect to environmental sensitivities.
 Job Title and Duties: Project manager, specialist liaison and management, EIP compilation (including field verification), environmental control officer and lead auditor.
 Value of Project: R 1 830 260

Location: East Coast of Africa
 Project duration & year: May to June 2011
 Client: SEACOM Ltd.
 Name of Project: SEACOM Cable System: Equator Principles Action Plan (EPAP) Compliance Update and Status Report for 2011
 Project Description: An independent compliance update and status report of the Equator Principles Action Plan (EPAP) for the SEACOM Cable System project for 2011. The report included investigation of onshore (e.g. cable stations) and offshore (e.g. undersea cable installation) activities of the cable route along the East Coast of the African Continent.
 Job Title and Duties: Environmental auditor, project management and principal author.
 Value of Project: R 40 000

Location: Richards Bay, KwaZulu-Natal
 Project duration & year: August 2010 to October 2012
 Client: Grindrod Terminals (Pty) Ltd.
 Name of Project: Environmental Management Consulting Services
 Project Description: Grindrod appointed SRK to assist them on the following environmental management matters (summarised):
 Facilitate an application for Atmospheric Emissions Licenses; Conduct audits of the EMP during the construction phase; Compilation of storm water management plans (SWMP); Compilation of a spill contingency response plan;
 Compilation of Water Use Licence Applications (WULA); Facilitate the process of investigating, addressing and responding to matters raised by regulatory authorities as required.
 Job Title and Duties: Project manager, specialist liaison and management, WULA and AEL process co-ordination, environmental control officer and lead auditor.
 Value of Project: R 853 461

Location: Mbonambi, KwaZulu-Natal
 Project duration & year: 2010 - 2011
 Client: Air Liquide (Pty) Ltd.
 Name of Project: Environmental Control Officer and environmental auditing
 Project Description: Provision of environmental compliance and auditing services for the construction of a 10km water pipeline from the N2 highway to the Air Liquid plant adjacent to the RBM smelter complex
 Job Title and Duties: Environmental control officer and lead auditor
 Value of Project: R 218 058

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Key Experience: Environmental projects

Location: Newcastle, KwaZulu-Natal
 Project duration & year: June 2010 to February 2011
 Client: SA Calcium Carbide (Pty) Ltd
 Name of Project: Basic Assessment: Proposed furnace gas to electricity cogeneration CDM Project at SA Calcium Carbide, Newcastle, KwaZulu-Natal
 Project Description: SACC propose to utilise waste/flare gas from their submerged electric arc furnace as fuel source for the generation of approximately 8MW of electrical energy.
 Job Title and Duties: Environmental Assessment Practitioner, project management and co-ordination, public involvement, impact assessment and principal author.
 Value of Project: R 141 700

Location: Mtubatuba, KwaZulu-Natal
 Project duration & year: 2010 - 2011
 Client: Umfolozi Sugar Mill (Pty) Ltd.
 Name of Project: Basic Assessment: Waste Management Licence Application Process for the Existing Filter Cake–Ash Temporary Waste Storage Facility, Umfolozi Sugar Mill, Mtubatuba, KwaZulu-Natal
 Project Description: Basic Assessment (BA) and Waste Management Licence for the operation of a filter cake-ash temporary waste storage facility.
 Job Title and Duties: Environmental Assessment Practitioner, project management and co-ordination, public involvement, impact assessment and principal author.
 Value of Project: R 306 264

Location: East Coast of Africa
 Project duration & year: August to September 2010
 Client: SEACOM Ltd.
 Name of Project: SEACOM Cable System: Equator Principles Action Plan (EPAP) Compliance Update and Status Report
 Project Description: An independent compliance update and status report of the Equator Principles Action Plan (EPAP) for the SEACOM Cable System project. The report included investigation of onshore (e.g. cable stations) and offshore (e.g. undersea cable installation) activities of the cable route along the East Coast of the African Continent.
 Job Title and Duties: Environmental auditor, project management and principal author.
 Value of Project: R 65 000

Location: Richards Bay, KwaZulu-Natal
 Project duration & year: November 2008 to May 2010
 Client: Grindrod Holdings (Pty) Ltd
 Name of Project: EIA for the proposed extension of three Grindrod Terminals bulk materials facilities in Richards Bay, KwaZulu-Natal
 Project Description: Grindrod Terminals operate three bulk material storage and transfer facilities in Richards Bay. In terms of the EIA Regulations, the proposal by Grindrod (i.e. increased storage capacities and greater variety of bulk materials to be stored) required an EIA to be undertaken and approved.
 Job Title and Duties: Environmental Assessment Practitioner, project management and co-ordination, public involvement, impact assessment and principal author.
 Value of Project: R 935 000

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Key Experience: Environmental projects

Location:	Mtunzini (KZN) and off-shore waters
Project duration & year:	January 2008 to November 2008
Client:	SEACOM Ltd.
Name of Project:	SEA Cable System EIA, South Africa
Project Description:	EIA for the SEACOM Cable in South African , including the landing station and associated infrastructure in Mtunzini, KZN>
Job Title and Duties:	Environmental Assessment Practitioner, project management and co-ordination, public involvement, impact assessment and principal author.
Value of Project:	R 1 200 000
Location:	Empangeni, KZN
Project duration & year:	May 2007 – December 2008
Client:	Waterstone Country Estate (Pty) Ltd.
Name of Project:	Waterstone Country Estate EIA
Project Description:	EIA for a mixed use development to the north of Empangeni in the uMhlathuze Municipality comprising of residential, retail, recreational, educational and commercial facilities, interspersed with open spaces and conservation areas. The area to be developed is approximately 464 ha in extent.
Job Title and Duties:	Environmental Assessment Practitioner, project management and co-ordination, public involvement, impact assessment and principal author
Value of Project:	R 900 000
Location:	Newcastle
Project duration & year:	May 2007
Client:	SA Calcium Carbide (Pty) Ltd.
Name of Project:	SA Calcium Carbide EMP Compliance
Project Description:	Assistance to Comply with the Environmental Management Plan for the Operation of the SA Calcium Carbide (Pty) Ltd. Drum Manufacturing Plant in Newcastle, KwaZulu-Natal
Job Title and Duties:	Project co-ordination, research, review and report compilation
Value of Project:	R 100 000
Location:	Newcastle
Project duration & year:	December 2006
Client:	SA Calcium Carbide (Pty) Ltd.
Name of Project:	SA Calcium Carbide Drum Plant EIA
Project Description:	Final Scoping Report for the Proposed Steel Drum Manufacturing Plant and Associated Activities in Newcastle, KwaZulu-Natal (EIA/7344)
Job Title and Duties:	Project Co-ordination, Environmental Assessment Practitioner, environmental scoping, public involvement, impact assessment, report writing, EMPs
Value of Project:	R 75 000
Location:	Isithebe, KZN
Project duration & year:	November 2006
Client:	RHI Refractories (Pty) Ltd
Name of Project:	Fusion and Refractory Plant EIA
Project Description:	Final Scoping Report for the Proposed Establishment of a Fusion and Refractory Materials Plant at Isithebe, KwaZulu-Natal (EIA/7109)
Job Title and Duties:	Environmental Assessment Practitioner, environmental scoping, public involvement, impact assessment, report writing, EMPs
Value of Project:	R 300 000

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Key Experience: Environmental projects

Location: KZN and Coega
 Project duration & year: November 2006
 Client: Confidential
 Name of Project: Independent Power Producer Tender to the DME
 Project Description: Environmental Consulting and Advisory Services: Independent Power Producer Tender Process to the Department of Minerals and Energy for Peaking Power Generation in South Africa
 Job Title and Duties: Project co-ordinator, information review, advice & recommendation formulation, reporting
 Value of Project: R 180 000

Location: Newcastle
 Project duration & year: April 2006
 Client: Newcastle Cogeneration (Pty) Ltd
 Name of Project: EIA for a Co-generation Plant in Newcastle, KZN
 Project Description: Application for Exemption in terms of the Environmental Impact Assessment Regulations for the Proposed Construction of a Co-generation Heat and Power Plant at the Karbochem Facility in Newcastle, KwaZulu-Natal (EIA/6399)
 Job Title and Duties: Environmental Assessment Practitioner, environmental scoping, public involvement, impact assessment, report writing, EMPs
 Value of Project: R 50 000

Location: Richards Bay
 Project duration & year: December 2005
 Client: Afrox (Pty) Ltd.
 Name of Project: EIA for Afrox Oxygen Plant in Richards Bay, KZN
 Project Description: Final Scoping Report for the Proposed Oxygen Plant at Mondi Business Paper in Richards Bay, KwaZulu-Natal (EIA 6398)
 Job Title and Duties: Environmental Assessment Practitioner, environmental scoping, public involvement, impact assessment, report writing, EMPs
 Value of Project: R 60 000

Location: Mpophomeni, near Howick, KZN
 Project duration & year: July 2005
 Client: UMgungundlovu District Municipality
 Name of Project: Cemetery Extension EIA, Mpophomeni, KZN
 Project Description: Final Scoping Report for the Proposed Extension of the Mpophomeni Cemetery and Associated Facilities, uMngeni Municipality, KwaZulu-Natal (EIA/5393)
 Job Title and Duties: Environmental Assessment Practitioner, environmental scoping, public involvement, impact assessment, report writing, EMPs
 Value of Project: R 60 000

Location: Lions River, near Howick, KZN
 Project duration & year: July 2005
 Client: UMgungundlovu District Municipality
 Name of Project: Cemetery Extension EIA, Mpophomeni, KZN
 Project Description: Final Scoping Report for the Proposed Extension of the Lions River Cemetery and Associated Facilities, uMngeni Municipality, KwaZulu-Natal (EIA/5392)
 Job Title and Duties: Environmental Assessment Practitioner, environmental scoping, public involvement, impact assessment, report writing, EMPs
 Value of Project: R 60 000

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Key Experience: Environmental projects

Location: Richards Bay, KZN
 Project duration & year: November 2004
 Client: Mondi (Pty) Ltd.
 Name of Project: Mondi Gas Turbine EIA
 Project Description: Application for Exemption in terms of the Environmental Impact Assessment Regulation for the Installation and Operation of a Gas Turbine at the Mondi Pulp Mill in Richards Bay, KwaZulu-Natal.
 Job Title and Duties: Environmental Assessment Practitioner, environmental scoping, public involvement, impact assessment, report writing, EMPs
 Value of Project: R 50 000

Location: Trust Feed, near Wartburg, uMshwathi Municipality, KZN
 Project duration & year: October 2004
 Client: UMgungundlovu District Municipality
 Name of Project: uMshwathi Waste Disposal Facility EIA
 Project Description: Scoping Report for the Proposed Waste Disposal Facility at Trust Feed, uMshwathi Municipality, KwaZulu-Natal.
 Job Title and Duties: Environmental Assessment Practitioner, environmental scoping, public involvement, impact assessment, report writing, EMPs
 Value of Project: R 80 000

Location: Trust Feed, near Wartburg, uMshwathi Municipality, KZN
 Project duration & year: October 2004
 Client: UMgungundlovu District Municipality
 Name of Project: uMshwathi Cemetery EIA
 Project Description: Scoping Report for the Proposed New Trust Feed Cemetery, uMshwathi Municipality, KwaZulu-Natal.
 Job Title and Duties: Environmental Assessment Practitioner, environmental scoping, public involvement, impact assessment, report writing, EMPs
 Value of Project: R 150 000

Location: Cool Air, near Wartburg, uMshwathi Municipality, KZN
 Project duration & year: August 2004
 Client: UMgungundlovu District Municipality
 Name of Project: Cool Air Cemetery EIA
 Project Description: Scoping Report for the Proposed Extension to the Cool Air Cemetery, uMshwathi Municipality, KwaZulu-Natal.
 Job Title and Duties: Environmental Assessment Practitioner, environmental scoping, public involvement, impact assessment, report writing, EMPs
 Value of Project: R 150 000