

# Dr Laetitia Coetser

## Partner / Principal Scientist



<b>Profession</b>	Water and Environmental Scientist
<b>Education</b>	PhD (Water Resource Management), University of Pretoria, 2004 MSc (Microbiology), University of Pretoria, 1998 BSc (Agric, Microbiology), University of Pretoria, 1995
<b>Registrations/ Affiliations</b>	Pr Sci Nat (South Africa), 400312/06 Member, FWISA Member, IAIA
<b>Awards</b>	None

### Specialisation

Environmental and water legislation, policy implementation, management and protection, water and wastewater management, water quality assessment, environmental due diligence, environmental risk and liabilities assessment, environmental impact assessments, industrial waste and mine residue characterisation, acid mine drainage treatment, project management.

### Expertise

Laetitia Coetser has been involved in the field of environmental, water and waste management for the past 23 years. Her expertise includes:

- project management;
- extensive experience in the environmental, water and water legislation;
- conducting processes to obtain water and environmental authorisations, including the associated public participation;
- environmental impact assessments (EIA's) for a variety of industrial and mining clients;
- acid mine drainage treatment;
- specialist advise to due diligences;
- peer review of environmental and water specialist studies;
- environmental risk and liabilities assessment;
- high level risk assessments (HLRA);
- environmental specialist inputs towards concept, pre-feasibility and feasibility studies;
- environmental specialists inputs towards closure costing assessments;
- surface and groundwater quality monitoring and assessment;
- waste classification, water use licensing and characterisation of wastewater and surface waters;
- steering and guiding of research projects in the water field through the Water Research Commission;
- industrial and mining water and effluent management;
- contaminated land characterisation and environmental reporting and environmental sampling;
- section 24 G applications in terms of NEMA;
- development of environmental research programmes;
- project administration and database development and data management;
- developing and implementation of training programmes for PDI's; and diffuse pollution.

### Employment

<b>2006 – present</b>	SRK Consulting (Pty) Ltd, Principal Water and Environmental Scientist, Water Department, Johannesburg and Pretoria
<b>2002 – 2006</b>	Pulles Howard & de Lange, Senior Scientist, Johannesburg
<b>1999 – 2001</b>	Pulles Howard & de Lange, Environmental Scientist, Johannesburg

### Publications

Numerous environmental and water related publications

### Languages

English – read, write, speak  
Afrikaans – read, write, speak

# Dr Laetitia Coetser

## Partner / Principal Scientist

### Publications

1. Coetser, S.E. and Cloete, T.E. 2006. Acid mine drainage treatment. In: Basic and Applied Microbiology. Editors: T.E. Cloete and R.M. Atlas. Van Schaik Publishers. ISBN 0627026478
2. Coetser, S.E. and Cloete, T.E. 2006. Biofilms, biofouling and biocorrosion. In: Basic and Applied Microbiology. Editors: T.E. Cloete and R.M. Atlas. Van Schaik Publishers. ISBN 0627026478
3. Coetser, S.E., Pulles, W., Heath, R. and Cloete, T.E. 2006. Chemical characterization of organic electron donors for sulfate reduction for potential use in acid mine drainage treatment. *Biodegradation*, 17 (2): 67-77
4. Atlas, R.M, Coetser, S.E. and Cloete, T.E. 2006. Biogeochemical cycling. Editors: T.E. Cloete and R.M. Atlas. Van Schaik Publishers. ISBN 0627026478
5. Coetser, S.E., Heath, R.G.M. and Ndombe, N. 2006. Diffuse pollution associated with the mining sectors in South Africa – A first order assessment. IWA Publishing – In Press
6. Banister, S., Zhao, B., Coetser, S.E., Pulles, W. 2006. The assessment and classification of inorganic manganese containing wastes. Water Research Commission Report No. 1344/1/06
7. Coetser, S.E. and Cloete, T.E. 2005. Biofouling and biocorrosion in industrial water systems. *Critical Reviews in Microbiology*, 31: 213-232.

## **Dr Laetitia Coetser**

**Partner / Principal Scientist**

**Key Experience: Environmental, social, energy and safety specialist inputs towards concept, pre-feasibility and feasibility studies**

- Concept and Pre-Feasibility Study for the Amandelbult Fine Chrome Recovery Plant – Surface and Groundwater Specialist inputs, Anglo American Platinum, 2019
- Pre-Feasibility Study, Styldrift Shaft 2 and Concentrator Plant, Royal Bafokeng Platinum, South Africa, 2012-2015
- Feasibility Study, Bafokeng Rasimone Platinum Mine 250 ktpm Upgrade, Royal Bafokeng Platinum, South Africa, 2014
- Feasibility Study, Styldrift Concentrator Plant and Tailings Storage Facilities, Royal Bafokeng Platinum, South Africa, 2013-2014
- Concept Study, Styldrift Boschkopie Tailings Storage Facilities, Royal Bafokeng Platinum, South Africa, 2013
- Pre-Feasibility Study, Styldrift Concentrator Plant and Tailings Storage Facilities, Royal Bafokeng Platinum, South Africa, 2012-2013
- Concept Study, Styldrift Concentrator Plant and Tailings Storage Facilities, Royal Bafokeng Platinum, South Africa, 2012
- Concept Study, Styldrift Shaft 2 and Concentrator Plant, Royal Bafokeng Platinum, South Africa, 2011
- Concept Study, Bafokeng Rasimone Platinum Mine - Mining of Upper Group 2 ore, Royal Bafokeng Platinum, South Africa, 2011

**Key Experience: Specialist advice to due diligence (DD's) environmental and legal liabilities**

Assessment of the performance of existing facilities relative to local and international standards producing recommendations as to rehabilitation, and/or replacement requirements and estimations of the costs associated with the recommended measures:

- Competent Person's Report (CPR) on Water Issues relating to Sibanye Gold, Sibanye Gold Eastern Operations (Pty) Ltd, 2021.
- Phase 1 Environmental Due Diligence: Stimuplant Mooiplaats Tshwane, UPL, 2019.
- Peer review of Environmental Authorisation Process – Housing Development, Sasol South Africa, 2016
- High Level Review of the Final Environmental Impact Assessment Report & Environmental Management Programme of the Tailings Storage Facility proposed for the Western Bushveld Joint Venture Project 1 (Maseve), Royal Bafokeng Platinum, South Africa, 2012
- An independent Review of the Environmental Liabilities of Mogale Alloys, Ruukki, South Africa, 2011
- An Independent Review of the Environmental Liabilities of Mashala Resources, South Africa, 2007
- Phase 1 Environmental Risk Assessment, ISE Brits, South Africa, 2007
- Phase 2 Environmental Risk Assessment, ISE Brits, South Africa, 2007
- Phase 2 Environmental Risk Assessment, Thor Foundry, South Africa, 2007
- Phase 1 Environmental Risk Assessment, Thor Foundry, South Africa, 2006
- Due Diligence, Project South. 2006
- Competent Person's Report (CPR) on Environmental Issues relating to Harmony Gold Mining Company Limited, 2006

## **Dr Laetitia Coetser**

### **Partner / Principal Scientist**

#### **Key Experience: Environmental impact assessments / environmental management programme reports (EIA / EMPR)**

Evaluation of impacts and management through the Environmental Authorisations processes of hazardous and solid waste for industrial, mining water and waste water systems etc.

- Environmental Authorisation process for a diamond prospecting right application in offshore-concession areas 4C and 5C off the West Coast of South Africa, Samara Mining, 2021 – current
- Environmental Authorisation for the Proposed Cargo Precinct, Airports Company South Africa SOC Ltd, 2019-Current
- Environmental Authorisation for the Clean Fuels 2 (CF 2) Proposed Tanks Expansion Project at the Sasol Synfuels Operations, Sasol South Africa Limited, 2019
- Environmental Authorisation Amendment in terms of NEMA for the Sasol Fine Ash Dam 6 to include borrow pits, Sasol South Africa Limited, 2019
- Environmental Authorisation for Prospecting (excluding bulk sampling) on various properties in Parys, Sasolburg, Vredefort, Koppies and Heilbron in the Free State Province, Manyeleti Consulting SA (Pty) Ltd, 2018
- Environmental Authorisation, including Waste Management Licence for the Sasol cement-ash mixing plant, Sasol South Africa, 2018
- Development of a Maintenance Management Plan for the Fine Ash Dam 6 and associated infrastructure in terms of NEMA, Sasol South Africa, 2017
- Development of a Maintenance Management Plan for the seepage interception Measures at Dam A and Dam 9 in terms of NEMA, Sasol South Africa, 2017.
- Environmental Authorisation Amendment, Sasol Fine Ash Dam, Sasol, South Africa, 2015
- Amendment to the Styldrift Mine Complex Environmental Management Programme (EMPR) to Convert Prospecting Rights into Mining Rights for Portions of the Farm Frischgewaagd 96 JQ and to include the associated Minerals of the Waste Rock Dumps into the Mining Right, Royal Bafokeng Platinum, South Africa, 2015
- Environmental Authorisation – Styldrift Mine Tailing Storage Facility, Royal Bafokeng Platinum, South Africa, 2014 -2015
- Environmental Authorisation - Rustenburg Local Municipality Bokamoso Extension 1 Housing Project in the North West Province, Rustenburg Local Municipality, South Africa, 2014-2015
- Environmental Authorisation – Styldrift Conveyor Belt, Royal Bafokeng Platinum, South Africa, 2014
- Environmental Authorisation – Styldrift Diesel Tanks and Rehabilitation of the Access Bridge, Royal Bafokeng Platinum, South Africa, 2014
- Environmental Authorisation – Styldrift Power Line, Royal Bafokeng Platinum, South Africa, 2014
- Environmental Authorisation – BRPM North Shaft, Royal Bafokeng Platinum, South Africa, 2014
- Environmental Authorisation – Styldrift Above Surface Placement of Ventilations Shaft Fans, Royal Bafokeng Platinum, South Africa, 2014
- Environmental Authorisation – Styldrift Above Surface Placement of Ventilations Shaft Fans, Royal Bafokeng Platinum, South Africa, 2014
- Environmental Authorisation - Re-Alignment and Upgrade of the D 714 Provincial Road from Brandspruit Mine to Impumelelo Mine, Sasol Mining (Pty) Ltd, Mpumalanga Province, South Africa, 2014
- Environmental Authorisation - Exxaro Rail and Road, Exxaro Coal, South Africa, Gauteng, 2013 – 2014
- Consolidated Environmental Authorisation - Styldrift Mine Complex, Bafokeng Rasimone Platinum Mine JV, North-West, South Africa, 2011 –2013
- Environmental Authorisation – Styldrift Boschkoppe Tailings Storage Facility, Royal Bafokeng Platinum, South Africa, 2013
- Environmental Authorisation Amendment to include the proposed BRPM Concentrator Plant Upgrade, Royal Bafokeng Platinum, South Africa, 2012
- Environmental Authorisation – Styldrift Ongoing Infill Drilling , Royal Bafokeng Platinum, South Africa, 2012
- Environmental Authorisation BHP Billiton Energy Coal South Africa (Pty) Ltd (BECSA) Vandyksdrift Central (VDDC) Project, Mpumalanga Province, BHP Billiton, South Africa, 2013
- Environmental Authorisation to include Stopping, New Clydesdale Coal, Exxaro, South Africa, 2013
- Consolidated Environmental Authorisation - New Clydesdale Coal, Exxaro, South Africa, 2011 - 2012
- Environmental Authorisation, Sasol Fine Ash Dam 6, Environmental Authorisation, Sasol, South Africa, 2011
- Environmental Authorisation - Sasol Raw Water Intake, Sasol, South Africa, 2011

## **Dr Laetitia Coetser**

### **Partner / Principal Scientist**

#### **Key Experience: Environmental impact assessments / environmental management programme reports (EIA / EMPR)**

- Environmental Authorisation - Marikana M5 and M6 Shafts, Environmental Authorisation, Aquarius Platinum Mine, South Africa, 2008
- Environmental Authorisation - Construction of the PDS & Procurement Chemical Storage Areas, and the PDS Waste Skip Area, Rotek Engineering, Rosherville, South Africa, 2007
- Environmental Management Plan – Thor Foundry. South Africa, 2007
- Environmental Authorisation – Rustenburg Platinum Mine – Amandelbult: Upgrade of stormwater management systems, Anglo Platinum, Thabazimbi, South Africa, 2007

#### **Key Experience: Water use licensing**

Specialist inputs towards:

- Water Use Licence Application for the Fine Ash Dam 6 Borrow Pit Project, Sasol South Africa, 2020-Current
- Emergency Application in terms of Government Regulation Notice (GNR) 509 of 2016 for the Repair of the Sasol Gas Vanchem Pipeline, Sasol Gas Limited, 2020
- Emergency Application in terms of Government Regulation Notice (GNR) 509 of 2016 for the Repair/Re-Instatement of the Sasol Gas Brakfontein Pipeline Supporting Infrastructure, Sasol Gas Limited, 2020
- Emergency Application in terms of Government Regulation Notice (GNR) 509 of 2016 for the Repair/Re-Instatement of the Sasol Gas Roodepoort Pipeline Supporting Infrastructure, Sasol South Africa Limited 2021
- Water Use Licence Application for decommissioning and construction of the Bracken Feeder power line, Sasol South Africa, 2017
- Development of a Plant Species Plan for the Sorex Social Events in support of a WULA, Sorex Social Events CC, 2017
- Water Use Licence Amendment for the Omnia Fertilizer – Rustenburg Factory, Omnia Fertilizer, 2017
- Section 21(c) and (i) Water Use Application, for the Proposed Decommissioning of a Power Line associated with the Sasol Fine Ash falling within General Authorisation, Eskom Holdings SOC Ltd, 2016
- Section 21(c) and (i) Water Use Application, for the Proposed Construction of a Power Line associated with the Sasol Fine Ash falling within General Authorisation, , Eskom Holdings SOC Ltd, 2016
- Fine Ash Dam 6 Water Use Licence Amendment, Sasol South Africa, 2017
- Development of a Landscape Management Plan for the Fine Ash Dam 6 in support of a Water Use Licence Application, 2017.
- Fine Ash Dam 6 risk assessment in support of General Authorisation of water uses, Sasol South Africa, 2016
- General Authorisation in terms of the National Water Act, 1998 (Act No. 36 of 1998) for Water Uses as Defined in Section 21 (c) and (i) for Sorex Social Events, Sorex Social Events CC, 2015
- 
- Water Use Licence Application for the Fine Ash Dam 6, Sasol, South Africa, 2015-2016
- Water Use Licence Application, for the Proposed Decommissioning and Relocation of a Power Line associated with the Fine Ash Dam 6 - 21(c) and (i) water uses, Eskom, South Africa, 2015
- Water Use Licence Application - Re-Alignment and Upgrade of the D 714 Provincial Road from Brandspruit Mine to Impumelelo Mine, Sasol Mining (Pty) Ltd, Mpumalanga Province, South Africa, 2014
- Integrated Water and Waste Management Plan and Water Use Licence Amendment, Styldrift Mine, Royal Bafokeng Platinum, South Africa, 2015
- Water Use Licence Application for the Styldrift Sewage Treatment Plant, Royal Bafokeng Platinum , South Africa, 2015
- Sasol Raw Water Intake, Water Use License Amendment, Sasol, South Africa, 2011
- Bafokeng Rasimone Platinum Mine, Styldrift Phase 1 - Water Use License Amendment, 2011
- Orlando Dam Water Use Licence Application, Soweto, South Africa, 2008
- Pilanesberg Mine Water Use Licence Application, North West Province, South Africa, 2008
- Bafokeng Rasimone Platinum Mine – Styldrift Phase 1 Water Use Licence Application, Rustenburg, South Africa, 2007

## **Dr Laetitia Coetser**

### **Partner / Principal Scientist**

#### **Key Experience      Water use licensing**

- Boynton Pilanesberg Platinum Mine Water Use Licence Application, North West Province, South Africa, 2007
- Marikana Mine Water Use Licence Application, North West Province, South Africa, 2006
- Kroondal Mine Water Use Licence Application, North West Province, South Africa, 2006
- Lonmin Platinum Mine Water Use Licence Application, Polokwane, South Africa, 2006

#### **Key Experience:      Groundwater and surface water management**

- Specialist inputs towards surface water management, Ryst Kuil Uranium Project, Karoo, South Africa, 2007
- Specialist inputs towards assessment of groundwater and surface water management requirements, GEC Project, Kolwezi, DRC, 2006
- Specialist inputs towards surface water quality and management, Feasibility study Zalu Dam, South Africa, 2006

#### **Key Experience:      Environmental compliance auditing**

- External Performance Udit Report for the Impumelelo Mine, Sasol Mining (Pty) Ltd, 2019
- Environmental Management Performance Assessment for the Sasol Mining Impumelelo Mine, Sasol Mining (Pty) Ltd, 2019
- Water Use Licence Assessment for the Impumelelo Mine, Sasol Mining (Pty) Ltd, 2019
- Environmental Management Programme Performance Assessment for Sibanye Gold, Burnstone Gold Mine, Sibanye Gold Eastern Operations (Pty) Ltd, 2018
- Bi-Annual External Waste Management Licence Compliance Report – Sasol Medium Term Vanadium Site, Sasol South Africa Ltd: Secunda Synfuels Operations, 2018
- Annual Norms and Standards Compliance Audit Report for the Sasol Sulpholin Waste Storage Area, Sasol South Africa Limited, 2018
- Bi-Annual External Waste Management Licence Compliance Report – Sasol Waste Ash Disposal Site, Sasol South Africa Ltd: Secunda Synfuels Operations, 2018
- Performance Assessment of the Styldrift Environmental Management Plan (EMP), Royal Bafokeng Platinum, South Africa, 2012 & 2014
- Water Use Licence Audit of the Styldrift Water Use Licence, Royal Bafokeng Platinum, South Africa, 2012 & 2014
- Performance Assessment of the Prospecting Environmental Management Plan (EMP) for the Bafokeng Rasimone Platinum Mine Styldrift Merensky Phase 1 Project Prospecting Right, Royal Bafokeng Platinum, South Africa, 2012
- Close Out Performance Assessment of the Prospecting Environmental Management Plan (EMP) for the Bafokeng Rasimone Platinum Mine Styldrift Merensky Phase 1 Project Prospecting Right on Portion 17 of the farm Frischgewaagd 96JQ, Royal Bafokeng Platinum, South Africa, 2012

#### **Key Experience:      Waste management and waste classification**

- Fine Ash Dam 6 – Waste Management Licence Amendment, Sasol South Africa, 2017
- Section 24 G Application for a Waste License for the Sludge Wastewater Treatment through a Filter Press System and the Decommissioning of Waste Water Treatment Plant (WWTP) Sludge Drying Beds, Seton South Africa, 2016
- Waste Management Licence, including waste classification and liner requirements, Sasol Fine Ash Dam, Sasol, South Africa, 2015
- Waste Management Licence for the sorting of general waste at Anglo American Platinum Waterval Smelter, Anglo American, South Africa, 2014
- Waste Management Licence – Sappi Enstra Mill Repulper and Recovered Fibre Plant, Sappi, South Africa, 2012
- Unilever, Soil contamination and waste classification, Unilever, Tanzania, 2009
- Rotek, Soil contamination and waste classification, Rotek Engineering, Rosherville, South Africa, 2009

## **Dr Laetitia Coetser**

### **Partner / Principal Scientist**

#### **Key Experience: Waste management and waste classification**

- Harmony, Amendment to Environmental Management Plan and Closure Plan, Tailings deposition to open cast pits, South Africa, 2006-2008
- Harmony, Geochemical Characterization of Reprocessed Tailings Material, South Africa, 2007
- Chrome plant waste report for Kroondal Mine, North West Province, South Africa, 2006
- EMP soil sampling report for Kroondal Mine, North West Province, South Africa, 2006
- Geochemical Characterisation of Waste Materials at Mwambashi Copper Project, Zambia, 2006
- Paardekraal tailings material classification, North West Province, South Africa, 2006
- Waste management options for Rustenburg Platinum Mine, North West province, South Africa, 2006
- Geochemical characterisation of waste materials for Elandsfontein Colliery, Mpumalanga, South Africa, 2006
- Re-classification of manganese containing wastes from pyro metallurgical waste for Tigor-Heavy Minerals, Natal, South Africa, 2001

#### **Key Experience: Diffuse pollution**

- First order inventory of diffuse pollution in South Africa associated with the industrial, mining and power generation, WRC Project, 2005-2006

#### **Key Experience: Acid mine drainage treatment**

- Implementation of full-scale passive treatment plant at Middelburg Mine, Mpumalanga, South Africa, BHP Billiton and Coaltech, 2005 – 2006
- Development of a passive treatment strategy for Witbank Mine, Mpumalanga, South Africa, BHP Billiton, 2005 – 2006
- Kinetic column feasibility studies for implementation of IMPI Technology at:
  - Vrede Colliery, Natal, South Africa, Anglo Coal, 2004
  - Middelburg Mine, Mpumalanga, South Africa, BHP Billiton, 2003
  - Louws Dump and Magazine Stream, Natal, South Africa, Kumba Resources, 2003
  - Witbank South Mine, Mpumalanga, South Africa, BHP Billiton, 2002
- Development of a biological sulphide removal technology, various WRC projects, 2001 – 2006
- Development of low-pH tolerant passive treatment technology, BHP Billiton, South Africa, 2000
- Long-term monitoring of pilot-scale passive treatment system at Vryheid Coronation Colliery, Natal, South Africa, various WRC projects, 1999 – 2006
- Development of novel passive treatment technology for AMD (IMPI Technology), this 3 year research programme resulted in two international patents for passive water treatment of mine effluents, DACST, South Africa, 1999 – 2002



# Universiteit van Pretoria

Hiermee word verklaar dat die graad

## Philosophiae Doctor

aan

**SUSANNA ELIZABETH COETSER**

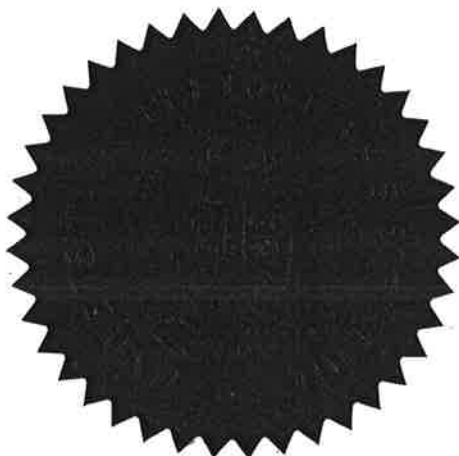
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24 April 2004

aan hom/haar toegeken

2006-08-22  
Datum



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Visekanselier en Rektor





# Universiteit van Pretoria

Hiermee word verklaar dat die graad

## Magister Scientiae (met lof) met spesialisering in Mikrobiologie

aan

**SUSANNA ELIZABETH COETSER**

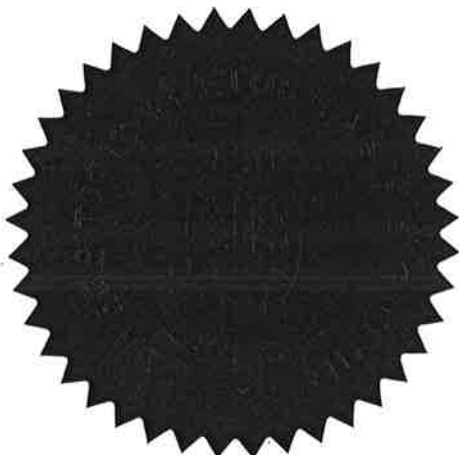
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17 April 1998

aan hom/haar toegeken

2006-08-22  
Datum



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Visekanselier en Rektor



# Universiteit van Pretoria

Hiermee word verklaar dat die graad

## Baccalaureus Scientiae Agriculturae

aan

SUSANNA ELIZABETH COETSER

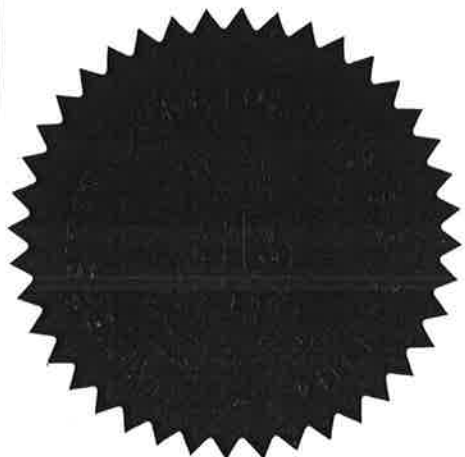
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6 Desember 1995

aan hom/haar toegeken

2006-08-22  
Datum



  
Visekanselier en Rektor

**SACNASP**  
South African Council for Natural Scientific Professions



**The bearer of this card has satisfied the requirements determined by the Council for the relevant category and is subject to a Code of Conduct administered by the Council.**

Private Bag 11669, Grahamstown 6162 | Tel: +27 (0)33 512 1111  
www.sacnasp.org.za

The South African Council for Natural Scientific Professions certifies in terms of section 20(3)(a) of the Natural Scientific Professions Act, 2003 (Act 27 of 2003), that

**Dr B E Coetser**

is registered as a Professional Natural Scientist, Reg. no

**400312/06**

**Microbiological Science**

**31 MAY 2016**

**SACNASP**  
0713



THE SOUTH AFRICAN COUNCIL  
FOR  
NATURAL SCIENTIFIC PROFESSIONS

herewith certifies that

**Susanna Elizabeth Coetser**

Registration number: 400312/06

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)

**Microbiological Science**

14 November 2006

Pretoria

President

Chief Executive Officer

## Andrew Caddick

### Principal Environmental Scientist



<b>Profession</b>	Environmental Scientist
<b>Education</b>	MSc, Environmental Science, North-West University, 2015 BSc (Hons), Environmental Sciences and Development, North-West University, 2008 BSc, Physiology, Zoology, North-West University, 2004
<b>Registrations/ Affiliations</b>	Pr.Sci.Nat, 400021/16 Member, WISA Member, IAIA Member, WESSA Member, IWMSA Member, EAPASA, 2019/1540
<b>Awards</b>	None

### Specialisation

Environmental management and science extending from environmental impact assessments, Environmental management plans, Basic assessments, Water use license, Stakeholder engagement, To environmental compliance auditing, Waste management/classification and GIS projects. Andrew has also been involved with the compilation of Quantum for Financial Provision, Rehabilitation assessments, Closure plans, Waste management plans and classifications for the mining environment.

### Expertise

Andrew has been in the field of environmental management for the past 13 years. He has obtained experience in the mining and industrial sectors, including projects in South Africa, Uganda and Tanzania. His expertise includes:

- geographical information systems (GIS);
- hydrology as well as the national water act as applied in environmental management.
- has extensive knowledge of current legislation as applied to environmental management and EIA's including environmental audits
- environmental impact assessments and environmental specialist inputs towards concept, pre-feasibility and feasibility studies.
- environmental compliance auditing and waste management plans and licenses.
- waste classification in terms of the national environmental management act (Act no. 59 of 2008).
- quantum for financial provision and rehabilitation in terms of the national environmental management act (Act No. 107 of 1998);
- closure and rehabilitation plans and water use license applications and audits.
- basic assessment reports and climate change and vulnerability assessments.
- section 24 G applications in terms of the National Environmental Management Act;
- risk assessments and ISO 14001 document compilation and implementation.
- environmental management systems implementation including ISO 14001.
- project management and coordination, and stakeholder engagement in the mining and industrial sectors.

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# Andrew Caddick

## Principal Environmental Scientist

### Employment

<b>2019 – present</b>	SRK Consulting (Pty) Ltd, Principal Environmental Scientist, Pretoria
<b>2015 – 2019</b>	SRK Consulting (Pty) Ltd, Senior Environmental Scientist, Pretoria
<b>2009 – 2014</b>	SRK Consulting (Pty) Ltd, Environmental Scientist, Pretoria
<b>2004 – 2005</b>	AngloGold Ashanti, Environmental Vocational Work

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### Publications

Presentation at the Young Water Professionals Conference, 2012  
Presentation at the International Association of Impact Assessment, South African, 2017

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### Languages

English – read, write, speak  
Afrikaans – read, write, speak

# Andrew Caddick

## Principal Environmental Scientist

### Key Experience: Environmental management and GIS

Location: South Africa  
 Project duration & year: 2022  
 Client: Northam Platinum  
 Name of Project: Closure Liability Assessment for Northam Operations in terms of the NEMA  
 Project Description: Closure Specialist .  
 Job Title and Duties: Closure Liability Assessment for Northam Operations in terms of the NEMA.  
 Value of Project: R 152 000

Location: South Africa  
 Project duration & year: 2022  
 Client: Samancor  
 Name of Project: Due Diligence on the closure plan and liability assessment.  
 Project Description: Closure Specialist.  
 Job Title and Duties: Review of the mine liability assessment and provide input into gaps where identified. The liability assessment review was to ensure an accurate provision has been made for the mines under assessment to eliminate any possible hidden liabilities. .  
 Value of Project: R 200 000

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2022  
 Client: Royal Bafokeng Platinum  
 Name of Project: Closure Liability Assessment  
 Project Description: Project Manager.  
 Job Title and Duties: Closure Liability Assessment for RBPlat Operations in terms of the NEMA GNR 1147. .  
 Value of Project: R 200 000

Location: South Africa  
 Project duration & year: 2022  
 Client: Ndalamo Resources  
 Name of Project: Due Diligence on the closure plan and liability assessment.  
 Project Description: Closure Specialist .  
 Job Title and Duties: Review of the mine liability assessment and provide input into gaps where identified. The liability assessment review was to ensure an accurate provision has been made for the mines under assessment to eliminate any possible hidden liabilities. .  
 Value of Project: R 152 000

Location: Republic of Congo  
 Project duration & year: 2022  
 Client: Sorimi  
 Name of Project: Due Diligence on the closure plan and liability assessment.  
 Project Description: Closure Specialist.  
 Job Title and Duties: Review of the mine liability assessment and provide input into gaps where identified. The liability assessment review was to ensure an accurate provision has been made for the mines under assessment to eliminate any possible hidden liabilities. .  
 Value of Project: R 200 000

# Andrew Caddick

## Principal Environmental Scientist

### **Key Experience: Environmental management and GIS**

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2021  
 Client: Sibanye Stillwater  
 Name of Project: Due Diligence on the closure plan and liability assessment.  
 Project Description: Project Manager.  
 Job Title and Duties: Review of the mine liability assessment and provide input into gaps where identified. The liability assessment review was to ensure an accurate provision has been made for the mines under assessment to eliminate any possible hidden liabilities. .  
 Value of Project: R 250 000

Location: North West Province, South Africa  
 Project duration & year: 2019 - 2021  
 Client: Royal Bafokeng Platinum  
 Name of Project: Environmental Assessment Performance Audit  
 Project Description: Project Manager.  
 Job Title and Duties: Undertake an EMP performance Audit for the Maseve Platinum mine in terms of the NEMA. .  
 Value of Project: R 100 000

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2019  
 Client: Royal Bafokeng Platinum Limited  
 Name of Project: Rehabilitation Strategy and Implementation Plan for the Maseve Platinum Mine  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of the Rehabilitation Strategy and Implementation Plan for Submission to the DWS.  
 Value of Project: R 80 000

Location: Mpumalanga, South Africa  
 Project duration & year: 2020  
 Client: Ndalamo Resources  
 Name of Project: Liability Assessment Review for mine acquisitions  
 Project Description: Project Manager.  
 Job Title and Duties: Review of the mine liability assessment and provide input into gaps where identified. The liability assessment review was to ensure an accurate provision has been made for the mins under assessment to eliminate any possible hidden liabilities.  
 Value of Project: R 300 000

Location: Northern Cape, South Africa  
 Project duration & year: 2020  
 Client: Kareevlei Diamond Mine  
 Name of Project: Liability Assessment  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of the Mine Liability Assessment.  
 Value of Project: R 40 000



# Andrew Caddick

## Principal Environmental Scientist

### **Key Experience: Environmental management and GIS**

Location: Northern Cape, South Africa  
 Project duration & year: 2019 - 2020  
 Client: GoodRock Chem Works (Pty) Ltd  
 Name of Project: Water Use License Application for the Section 21 (a) water use  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of Water Use License documentation.  
 Value of Project: R 150 000

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2019  
 Client: Royal Bafokeng Platinum Limited  
 Name of Project: Rehabilitation Strategy and Implementation Plan for the BRPM and Styldrift Platinum Mine  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of the Rehabilitation Strategy and Implementation Plan for Submission to the DWS.  
 Value of Project: R 140 000

Location: Vierfontein, Free State Province, South Africa  
 Project duration & year: 2019  
 Client: Clinker Supplies (Pty) Ltd  
 Name of Project: Water Use License for the proposed abstraction of water from a borehole.  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of Water Use License documentation.  
 Value of Project: R 100 000

Location: Emfuleni, Gauteng Province, South Africa  
 Project duration & year: 2019  
 Client: SA Block (Pty) Ltd  
 Name of Project: Water Use License for the proposed abstraction of water from a borehole.  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of Water Use License documentation.  
 Value of Project: R 100 000

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2019  
 Client: Royal Bafokeng Platinum Limited  
 Name of Project: Maseve Platinum Mine EMPr Audit  
 Project Description: Project Manager.  
 Job Title and Duties: Undertake the Audit on the Maseve Platinum Mine  
 Value of Project: R 60 000

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2019  
 Client: Glencore  
 Name of Project: Glencore Smelter EMPr Audit  
 Project Description: Project Manager.  
 Job Title and Duties: Undertake the Audit on the Glencore Smelter  
 Value of Project: R 60 000

# Andrew Caddick

## Principal Environmental Scientist

### Key Experience: Environmental management and GIS

Location: Coalbrook, Free State Province, South Africa  
 Project duration & year: 2019  
 Client: Seriti Coal (Pty) Ltd  
 Name of Project: Closure Certificate for the Coal Brook Coal Mine  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of reports and assessment in terms of the MPRDA regulations.  
 Value of Project: R 300 000

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2019  
 Client: Royal Bafokeng Platinum Limited  
 Name of Project: Closure Plan for the Styldrift Platinum Mine  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of the Styldrift Mine Closure Plan and Calculation of the Financial Liability.  
 Value of Project: R 50 000

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2019  
 Client: Royal Bafokeng Platinum Limited  
 Name of Project: Closure certificate for the Royal Bafokeng Platinum Limited Prospecting Rights.  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of reports and assessment in terms of the MPRDA regulations.  
 Value of Project: R 200 000

Location: Waterpoort, Limpopo Province, South Africa  
 Project duration & year: 2017 - 2018  
 Client: Universal Coal (Pty) Ltd  
 Name of Project: Closure Cost Assessment and Rehabilitation Plan for the proposed Cygnus Mining Operations.  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of reports and assessment in terms of the NEMA regulations.  
 Value of Project: R 300 000

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2017 - 2018  
 Client: Royal Bafokeng Platinum Limited  
 Name of Project: Basic Assessment Process for the proposed Styldrift Conveyor Belt extension.  
 Project Description: Project Manager.  
 Job Title and Duties: Compilation of reports and assessment in terms of the NEMA regulations.  
 Value of Project: R 900 000

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2018  
 Client: Royal Bafokeng Platinum Limited  
 Name of Project: Rehabilitation Programme for the Section 21 c and l water uses in terms of the NWA.  
 Project Description: Project Manager  
 Job Title and Duties: Compilation of the rehabilitation programme.  
 Value of Project: R 90 000

# Andrew Caddick

## Principal Environmental Scientist

### Key Experience: Environmental management and GIS

Location: Balfour, Mpumalanga Province, South Africa  
 Project duration & year: 2018  
 Client: Sibanye Gold  
 Name of Project: Burnstone EMP Audit  
 Project Description: Project Manager  
 Job Title and Duties: Conducting an EMP audit for the entire Burnstone Gold Mine.  
 Value of Project: R 50 000

Location: Secunda, Mpumalanga Province, South Africa  
 Project duration & year: 2018  
 Client: Sasol South Africa Limited  
 Name of Project: Sasol Waste Ash Audits  
 Project Description: Project Manager  
 Job Title and Duties: Conducting audits on the Sasol waste ashe sites in terms of the waste license as well as sections in terms of the norms and standards for storage of waste.  
 Value of Project: R 80 000

Location: Uganda  
 Project duration & year: 2018 - 2017  
 Client: PA Technical Services (Pty) Ltd  
 Name of Project: Nkusi Hydro Power Project  
 Project Description: Construction of a 10 Mega Watt Hydro Power Station within the Nkusi River within Uganda.  
 Job Title and Duties: Environmental, Safety and Health Team Leader. Supervision of the site personnel and legal compliance in order to meet the strict requirements of the IFC Performance standards and Equator Principles.  
 Value of Project: R 600 000

Location: Pretoria, Gauteng, South Africa  
 Project duration & year: 2016 – 2017  
 Client: BP South Africa (Pty) Ltd  
 Name of Project: Construction of Tank 17  
 Project Description: Environmental Control Officer  
 Job Title and Duties: On site ECO, conducting performance assessments and Audits in accordance with the EMP and rectifying non-conformances.  
 Value of Project: R 200 000

Location: Secunda, Mpumalanga Province  
 Project duration & year: 2016 - 2017  
 Client: Sasol South Africa  
 Name of Project: Maintenance Management Plan  
 Project Description: Maintenance Management Plan for the proposed Dam 6A and Dam 9 seepage interception measured.  
 Job Title and Duties: Compilation of reports and assessment in terms of the NWA and NEMA regulations.  
 Value of Project: R 60 000

# Andrew Caddick

## Principal Environmental Scientist

### Key Experience: Environmental management and GIS

Location: Rustenburg, North West Province  
 Project duration & year: 2016 - 2017  
 Client: Royal Bafokeng Platinum Limited  
 Name of Project: Integrated Water and Waste Management Plan  
 Project Description: Amendment to the Integrated Water and Waste Management Plan for the proposed 100 kilo tone per month concentrator and associated Pollution Control Dam.  
 Job Title and Duties: Compilation of reports and assessment in terms of the NWA regulations.  
 Value of Project: R 60 000

Location: Pretoria, Gauteng, South Africa  
 Project duration & year: 2016 - 2017  
 Client: Top Tech Feeds (Pty) Ltd  
 Name of Project: Poultry Basic Assessment  
 Project Description: Basic Assessment for the proposed Poultry Farm  
 Job Title and Duties: Compilation of reports and coordination with specialists and client  
 Value of Project: R 80 000

Location: Mpumalanga, South Africa  
 Project duration & year: 2016  
 Client: Sasol South Africa (Pty) Ltd  
 Name of Project: Environmental Control Officer for the construction of the N-Propanol plant extension.  
 Project Description: Environmental Control Officer for the construction of the N-Propanol plant extension  
 Job Title and Duties: On site ECO, conducting performance assessments and Audits in accordance with the EMP and rectifying non-conformances.  
 Value of Project: R 200 000

Location: Mpumalanga, South Africa  
 Project duration & year: 2016  
 Client: Exxaro Coal (Pty) Ltd  
 Name of Project: Environmental Authorisation for the extension of Pit 1, the pipeline from Dorstfontein West to Dorstfontein East and the disposal of discard into the opencast pit.  
 Project Description: Environmental Authorisation, Water Use License, and Waste License for the Dorsfontein Mine.  
 Job Title and Duties: Compilation of a closure cost estimate and financial provision for the Dorsfontein Operations, compilation of the EIA/EMP, Waste License, and Water Use License. Stakeholder engagement and specialist coordination was conducted as part of the project as the project management.  
 Value of Project: R 1.5 million

Location: Mpumalanga, South Africa  
 Project duration & year: 2016  
 Client: Universal Coal Investments  
 Name of Project: Environmental Management Plan consolidation for the Roodekop Mining Area  
 Project Description: EMP Amendment and Consolidation for the Roodekop Mining Area  
 Job Title and Duties: Compilation of a closure cost estimate for the Universal Coal Investment EMP amendment and including the existing operations.  
 Value of Project: R 300 000

# Andrew Caddick

## Principal Environmental Scientist

### Key Experience: Environmental management and GIS

Location: Kriel, Mpumalanga  
 Project duration & year: 2016  
 Client: DMC Consulting (Pty) Ltd  
 Name of Project: Doornpoort Water Use License  
 Project Description: Water Use License for the Doornpoort residential development  
 Job Title and Duties: Compilation of reports and coordination with specialists and client  
 Value of Project: R 80 000

Location: Gauteng, South Africa  
 Project duration & year: 2015 - 2016  
 Client: Seton AuthoLeather (Pty) Ltd  
 Name of Project: Commissioning of the Filter Press Plant and decommissioning of the sludge drying beds.  
 Project Description: Waste License and Management Plan for the Decommissioning of the sludge drying beds and commissioning of the Filter Press Plant.  
 Job Title and Duties: Environmental Scientist. Compilation of the Basic Assessment Report and process compliance.  
 Value of Project: R 250 000

Location: Rustenburg, North West, South Africa  
 Project duration & year: 2015 - 2016  
 Client: Omnia Fertiliser (Pty) Ltd  
 Name of Project: Decommissioning of the Omnia Fertiliser Plant  
 Project Description: Environmental Authorisation and Management Plan for the Decommissioning of the Omnia Fertiliser Plant.  
 Job Title and Duties: Environmental Scientist. Compilation of the Basic Assessment Report and process compliance.  
 Value of Project: R 250 000

Location: Witbank, Mpumalanga, South Africa  
 Project duration & year: 2015  
 Client: Vanchem  
 Name of Project: Vanchem Calcine Dump Waste Audit  
 Project Description: Audit in terms of the Waste Licence for the Calcine Dump  
 Job Title and Duties: Conduct the audit and compilation of reports.  
 Value of Project: R 40 000

Location: Secunda, Mpumalanga, South Africa  
 Project duration & year: 2015  
 Client: Sasol Technology  
 Name of Project: Sasol Environmental Authorisation for the NPA debottlenecking  
 Project Description: Basic Assessment and Environmental Management Plan for the Sasol NPA debottlenecking project  
 Job Title and Duties: Project Manager. Compilation of documents and coordination.  
 Value of Project: R 200 000

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2014  
 Client: Royal Bafokeng Platinum Limited  
 Name of Project: Styldrift No. 2 Shaft Environmental Authorisation and Water Use License  
 Project Description: Environmental Authorisation for the Styldrift No. 2 Shaft and associated infrastructure.  
 Job Title and Duties: Compilation of reports and coordination with specialists and client  
 Value of Project: R 3 million

# Andrew Caddick

## Principal Environmental Scientist

### Key Experience: Environmental management and GIS

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2013 – 2015  
 Client: Royal Bafokeng Platinum (Pty) Ltd  
 Name of Project: EMPR amendment for the inclusion of portions of the farm Frischgewaagd 96 JQ into the Styldrift Mining Right.  
 Project Description: EMPR amendment for the inclusion of portions of the farm Frischgewaagd 96 JQ into the Styldrift Mining Right.  
 Job Title and Duties: Environmental Scientist. Compilation of the EMPR amendment report.  
 Value of Project: R 300 000

Location: Rustenburg, North West, South Africa  
 Project duration & year: 2013 – 2015  
 Client: Royal Bafokeng Platinum (Pty) Ltd  
 Name of Project: EIA and EMPR Amendment for the proposed extended Tailings Storage Facility and associated infrastructure.  
 Project Description: EIA/EMPR Amendment  
 Job Title and Duties: Environmental Scientist. Compilation of the Scoping report, EIA/EMPR and water use license. Coordination of specialist studies.  
 Value of Project: R 1.5 million

Location: Belfast  
 Project duration & year: 2013  
 Client: Exxaro Resources (Pty) Ltd  
 Name of Project: EIA/EMP for the proposed rail siding and associated infrastructure  
 Project Description: Compilation of an EIA/EMP and Water Use License  
 Job Title and Duties: Environmental Scientist. Project Management. Compilation of the Scoping Report, EIA/EMP and coordination of specialist studies.  
 Value of Project: R 300 000

Location: Secunda, Mpumalanga, South Africa  
 Project duration & year: 2013 – 2014  
 Client: Sasol Technology (Pty) Ltd  
 Name of Project: Basic Assessment and Water Use License for the realignment of the D 714 road  
 Project Description: Basic Assessment Report.  
 Job Title and Duties: Environmental Scientist. Compilation of the basic assessment report and water use license and coordination of specialist studies.  
 Value of Project: R 400 000

Location: Pretoria, Gauteng, South Africa  
 Project duration & year: 2013 – 2014  
 Client: BP South Africa (Pty) Ltd  
 Name of Project: Environmental Authorisation Amendment  
 Project Description: Amendment to the Environmental Authorisation for the inclusion of Tank 17  
 Job Title and Duties: Report compilation and coordination with authorities.  
 Value of Project: R 100 000

Location: Pretoria, Gauteng, South Africa  
 Project duration & year: 2013 – 2014  
 Client: BP South Africa (Pty) Ltd  
 Name of Project: Construction of Tank 16  
 Project Description: Environmental Control Officer  
 Job Title and Duties: On site ECO, conducting performance assessments and Audits in accordance with the EMP and rectifying non-conformances.  
 Value of Project: R 200 000

# Andrew Caddick

## Principal Environmental Scientist

### Key Experience: Environmental management and GIS

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2012 – 2014  
 Client: Royal Bafokeng Platinum (Pty) Ltd  
 Name of Project: EMPR Amendment for the inclusion of the Styldrift ventilation shafts  
 Project Description: EMPR Amendment.  
 Job Title and Duties: Environmental Scientist. Compilation of the EMPR amendment.  
 Value of Project: R 200 000

Location: Rustenburg, North West, South Africa  
 Project duration & year: 2012 – 2014  
 Client: Royal Bafokeng Platinum (Pty) Ltd  
 Name of Project: EMPR Amendment for the inclusion of the North Shaft Phase 3 Ventilation shaft.  
 Project Description: EMPR Amendment  
 Job Title and Duties: Environmental Scientist. Compilation of the EMPR amendment.  
 Value of Project: R 200 000

Location: Rustenburg, North West, South Africa  
 Project duration & year: 2012  
 Client: Royal Bafokeng Resources, Anglo Platinum  
 Name of Project: Portion 17 of the Farm Frischgewaagd 96 JQ prospecting EMP performance Assessment  
 Project Description: EMP Performance Assessment of the Frischgewaagd prospecting EMP  
 Job Title and Duties: Conducting the EMP performance assessment and writing the report.  
 Value of Project: R 50 000

Location: Rustenburg, North West, South Africa  
 Project duration & year: 2012  
 Client: Royal Bafokeng Resources, Anglo Platinum  
 Name of Project: Portions 10 and 14 of the Farm Frischgewaagd 96 JQ prospecting EMP performance Assessment  
 Project Description: EMP Performance Assessment of the Frischgewaagd prospecting EMP  
 Job Title and Duties: Conducting the EMP performance assessment and writing the report.  
 Value of Project: R 80 000

Location: Tanzania  
 Project duration & year: 2012  
 Client: African Barrick Gold  
 Name of Project: Waste Management Plan  
 Project Description: Compilation of a Waste Management Plan for African Barrick Gold.  
 Job Title and Duties: Environmental Scientist. Assisting in the compilation of the Waste Management Plan for African Barrick North Mara Gold mine.  
 Value of Project: R 200 000

Location: Sasol, Secunda  
 Project duration & year: 2012, 1.5 years  
 Client: SASTECH/SASOL  
 Name of Project: Basic Assessment for the Seepage Reduction Activities and Monitoring Weirs  
 Project Description: Basic Assessment and Management Plan.  
 Job Title and Duties: Environmental Scientist – Technical Support, Public Participation Process, Basic Assessment Compilation, EMP Compilation, Project coordinator.  
 Value of Project: R 300 000

# Andrew Caddick

## Principal Environmental Scientist

### Key Experience: Environmental management and GIS

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2011 – 2015  
 Client: Royal Bafokeng Resources, Anglo Platinum  
 Name of Project: Styldrift UG2  
 Project Description: Environmental Control Officer  
 Job Title and Duties: On site ECO, conducting performance assessments and Audits in accordance with the EMPR and rectifying non-conformances. Ensure compliance with all environmental legislation; ensure compliance with the company's environmental management system, implementation of the contract-specific environmental management plan, early identification and reporting of significant site-specific environmental risks, management of the interactions with landowners, environmental control of site activities, development and implementation of remediation and rehabilitation work. Good and timeous liaison with the client with regard to environmental matters. Identify or report deviations from the legislation or environmental management system, closure of non-conformance reports (NCR's) and corrective action report  
 Value of Project: R 500 000

Location: Rustenburg, North West, South Africa  
 Project duration & year: 2011 - 2014  
 Client: Royal Bafokeng Platinum  
 Name of Project: EIA/EMP Waste License and Water Use License  
 Project Description: Compilation of a EIA/EMP, Waste and Water Use License for the proposed Tailings Facility, Sewage Treatment Plant, Water Treatment Plant and associated infrastructure.  
 Job Title and Duties: Environmental Scientist. Compilation of the EIA/EMP, Waste and Water Use License, Specialist Coordination.  
 Value of Project: R 4 million.

Location: Secunda, Mpumalanga, South Africa  
 Project duration & year: 2011 - 2012  
 Client: SASOL Synfuels  
 Name of Project: Basic Assessment for the Raw Water upgrade and boiler feed generation  
 Project Description: Basic Assessment and Water Use License for the proposed Raw Water Intake and Boiler Feed Generation.  
 Job Title and Duties: Compiling the BAR and EMP, Public Participation, and project management.  
 Value of Project: R 200 000

Location: Naboomspruit, Limpopo, South Africa  
 Project duration & year: 2010 - 2012  
 Client: Min Metals  
 Name of Project: Naboom EIA  
 Project Description: Conducting an Environmental Impact Assessment, Public participation process and specialist studies.  
 Job Title and Duties: Environmental Scientist – Technical Support, Public Participation Process, Screening report, EIA/EMP compilation.  
 Value of Project: R 2 million– R 3 million

Location: SASOL, Secunda, Mpumalanga, South Africa  
 Project duration & year: 2010  
 Client: SASTECH/SASOL  
 Name of Project: Fine Ash Dam 6 Environmental Impact Assessment  
 Project Description: EIA/EMP  
 Job Title and Duties: Environmental Scientist – Technical Support, Public Participation Process, EIA Compilation, EMP Compilation, Project manager assistant.  
 Value of Project: R 2 million – R 3 million



# Andrew Caddick

## Principal Environmental Scientist

### Key Experience: Environmental management and GIS

Location: Rustenburg, North West Province, South Africa  
 Project duration & year: 2009 - 2013  
 Client: Royal Bafokeng Resources, Anglo Platinum  
 Name of Project: Styldrift UG2  
 Project Description: Alignment of the EMPR  
 Job Title and Duties: Technical Support, Environmental Audit and performance assessments, Water Use Licence Application Audit and assistance. Report writing. Management of Air Quality monitoring and water sampling. Public participation involvement.  
 Value of Project: R 5 million – R 6 million

Location: Limpopo, South Africa  
 Project duration & year: 2009 - 2010  
 Client: Mogalakwena Local Municipality  
 Name of Project: Mogalakwena BAR  
 Project Description: Conducting a Basic Assessment report for the Bulk water pipeline in Mogalakwena Local Municipality.  
 Job Title and Duties: Compilation of the basic assessment report. Compilation of the EMP, and impact assessment.  
 Value of Project: R 500.000

Location: Mpumalanga and Limpopo, South Africa  
 Project duration & year: 2008 – 2010  
 Client: Department of Water Affairs  
 Name of Project: Development of Water Reconciliation strategies in the Northern areas of South Africa.  
 Project Description: Development of water reconciliation strategies for the northern provinces of South Africa.  
 Job Title and Duties: Environmental Scientist. Data collection and development of reconciliation strategies in Limpopo and Mpumalanga Local Municipalities.  
 Value of Project: R 3 million



NORTH-WEST UNIVERSITY<sup>®</sup>  
YUNIBESITI YA BOKONE-BOPHIRIMA  
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# MASTER OF ENVIRONMENTAL MANAGEMENT

awarded to

**ANDREW BRIAN CADDICK**

after complying with all the requirements

**Prof ND Kgwadi**  
Vice-Chancellor

**19 May 2015**



**Prof M Verhoef**  
Registrar

University number: 13132288  
Serial number: 225088



NORTH-WEST UNIVERSITY  
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NOORDWES-UNIVERSITEIT

# HONOURS BACHELOR OF SCIENCE

in

## ENVIRONMENTAL SCIENCES AND DEVELOPMENT

awarded to

**ANDREW BRIAN CADDICK**

after complying with all the requirements

Vice-Chancellor

**3 March 2009**



Registrar

University number: 13132269  
Serial number: 24731





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NOORDWES-UNIVERSITEIT

# BACCALAUREUS SCIENTIAE

in

## FISIOLOGIE EN DIERKUNDE

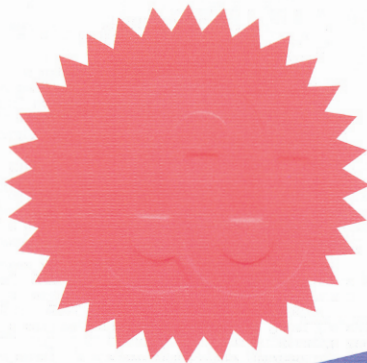
toegeken aan

**\*\* ANDREW BRIAN CADDICK \*\***

nadat aan al die vereistes voldoen is

Visekanselier

6 Maart 2008



Registrateur

# SACNASP

South African Council for Natural Scientific Professions

**herewith certifies that**

**Andrew Brian Caddick**

Registration number: 400021/16

**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**

**27 January 2016**



27 January 2016

*B. Botha*

*S. Van Aardt*

Pretoria

President

Executive Director

**Environmental Assessment  
Practitioners Association  
of South Africa**



Registration No. 2019/1540

***Herewith certifies that***

**Andrew Brian Caddick**

***is registered as an***

**Environmental Assessment Practitioner**

***Registered 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).***

Effective: 01 March 2021

Expires: 28 February 2022

Chairperson

Registrar



# Chris Dalgliesh

## Principal Consultant



<b>Profession</b>	Environmental Practitioner
<b>Education</b>	MPhil., Environmental Science with Distinction, University of Cape Town, 1994 BBusSc (Hons)., University of Cape Town, 1985
<b>Registrations/ Affiliations</b>	Registered EAP (South Africa) Member, IAIA Director SRK South Africa, 2018 - 2021 Director SRK Australia, 2019 - 2022 Director SRK Investments, 2011 - 2020 Director SRK Global, 2013 - 2017 SRK Cape Town Managing Partner, 2007 - 2015
<b>Awards</b>	None

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**Specialisation** ESG consulting.

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**Expertise** Chris Dalgliesh has been involved in management and environmental projects for the past 35 years. His expertise includes:

- EIA and ESIA (EMPR);
- Environmental and social due diligence.
- Socio-economic impact assessments.
- Stakeholder engagement.
- Strategic environment assessments and management plans.
- State of environment reporting.
- Environmental management frameworks.
- Site safety reports for the nuclear industry.
- Natural resource management.
- Waste management.

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## Employment

<b>2000 – Present</b>	SRK Consulting (Pty) Ltd, Director, Partner and Principal Environmental Consultant
<b>1999 – 2000</b>	Arcus Gibb (Pty) Ltd, Associate, Cape Town, South Africa
<b>1996 – 1998</b>	African Environmental Solutions (Pty) Ltd, Senior Environmental Consultant
<b>1994 – 1996</b>	Environmental Evaluation Unit, Environmental Consultant, UCT
<b>1991 – 1993</b>	Novello Music Publishers, Marketing Manager, London, UK
<b>1988 – 1990</b>	JR Phillips, Product Manager, Wokingham, UK
<b>1986 – 1988</b>	Unilever, Trade and Brand Manager, Durban, South Africa

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**Publications** I have been interviewed and quoted in numerous environmental and sustainability articles published in the press and journals.

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**Languages** English – read, write, speak  
Afrikaans – read, write, speak  
Dutch - read

# Chris Dalgliesh

## Principal Consultant

### Publications

Chris has been interviewed and quoted in numerous environmental and sustainability articles published in the press and sector specific journals.

1. Covid-19 calls for 'balanced' strategy for technical audits. *Mining Review Africa*. 2 July 2020
2. Small thermal plants hold promise for regions without grid electricity. *Engineering News*. Nov 2018 and *African Mining*. Mar 2019
3. Angola's hydropower projects pose potential environmental risks. *African Mining Brief*. October 2016
4. Environmental Risks to Angola's Hydropower Revolution. *Alternative Energy Africa*. October 2016
5. Five facts about Angola's hydropower projects. *African Business Review*. October 2016
6. Environmental Risks to Angola's Hydropower Revolution. *Electricity and Control*. November 2016, p. 48
7. Incorporating visual impact assessments into projects. *Position IT*. June 2014, p54
8. Measuring the costs projects ignore. *Construction World*. April 2011, 6.
9. Measuring the costs projects ignore. *Mining World*. Published online 25 Feb 2011

### Conferences/Workshops

I have attended and presented at a number of conferences/workshops.



# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Stilfontein, North West Province, South Africa  
 Project duration & year: 2022 - Ongoing  
 Client: Mainstream Renewable Power South Africa (Pty) Ltd  
 Name of Project: Stilfontein SPV Cluster and Associated Infrastructure EIA  
 Project Description: Environmental Impact Assessment for Stilfontein SPV Cluster and Associated Infrastructure  
 Job Title and Duties: Project Director  
 Value of Project: R 2 100 000

Location: Mossel Bay, Western Cape, South Africa  
 Project duration & year: 2022 - Ongoing  
 Client: PetroSA  
 Name of Project: PetroSA Gas to Power EIA  
 Project Description: EIA for Gas to Power Facility and Natural Gas Liquefier Project at the Gas to Liquids Refinery, Mossel Bay Bay  
 Job Title and Duties: Project Director  
 Value of Project: R 750 000

Location: St Helena Bay, Western Cape, South Africa  
 Project duration & year: 2021 - Ongoing  
 Client: Oceana Group Limited  
 Name of Project: St Helena SPV BA  
 Project Description: Basic Assessment for Oceana's 10 MW SPV Facility in St Helena Bay  
 Job Title and Duties: Project Director  
 Value of Project: R 400 000

Location: Strand, Western Cape, South Africa  
 Project duration & year: 2021 – Ongoing  
 Client: Blue Crane Funerals  
 Name of Project: EIA for a crematorium, Erf 22973, Strand  
 Project Description: EIA for a crematorium, Erf 22973, Strand, Western Cape  
 Job Title and Duties: Project Director  
 Value of Project: R 400 000

Location: Offshore, West Coast, South Africa  
 Project duration & year: 2021  
 Client: Samara Mining (Pty) Ltd  
 Name of Project: Offshore Diamond Prospecting EIA  
 Project Description: EIA of Offshore Diamond Prospecting  
 Job Title and Duties: Project Director  
 Value of Project: R 1 250 000

Location: Lutzville, Western Cape, South Africa  
 Project duration & year: 2021 – Ongoing  
 Client: Mineral Sand Resources  
 Name of Project: De Punt Baseline Study  
 Project Description: Baseline study of Tormin's De Punt Prospecting Block  
 Job Title and Duties: Project Director  
 Value of Project: R 1 000 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Lutzville, Western Cape, South Africa  
 Project duration & year: 2021 – Ongoing  
 Client: Mineral Sand Resources  
 Name of Project: Tormin Mine Inland EIA  
 Project Description: EIA for the Tormin Mine Inland Expansion  
 Job Title and Duties: Project Director  
 Value of Project: R 2 500 000

Location: Bengo, Angola  
 Project duration & year: 2021 - Ongoing  
 Client: AES  
 Name of Project: Landfill ESIA  
 Project Description: ESIA of landfill  
 Job Title and Duties: Project Director  
 Value of Project: US \$ 80 000

Location: Eastern Cape Province, South Africa  
 Project duration & year: 2020 - Ongoing  
 Client: Coega Development Corporation  
 Name of Project: Gas to Power and Infrastructure Project  
 Project Description: Four EIAs for Gas to Power Plants 3 000MW  
 Job Title and Duties: Project Director  
 Value of Project: R 2 800 000

Location: Brand se Baai, Western Cape, South Africa  
 Project duration & year: 2019 – 2021  
 Client: Tronox Mineral Sands  
 Name of Project: Tronox EOFS Residue Facility  
 Project Description: EIA for Namakwa Sands East Mine In-Pit Residue Storage Facility  
 Job Title and Duties: Project Director  
 Value of Project: R 900 000

Location: Suriname  
 Project duration & year: 2019 - 2020  
 Client: N.V. Energiebedrijven Suriname  
 Name of Project: Tout lui Faut Kanaalweg Power Plant ESIA  
 Project Description: ESIA for the 36 MW power plant in the Wanica District, Suriname  
 Job Title and Duties: Project Director  
 Value of Project: US \$ 115 000

Location: Western Cape, South Africa  
 Project duration & year: 2019 - 2020  
 Client: Eskom  
 Name of Project: Kappa – Sterrekus Powerline  
 Project Description: EIA for 765kV Kappa – Sterrekus Powerline  
 Job Title and Duties: Project Director  
 Value of Project: R 3 000 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Suriname  
 Project duration & year: 2019 – 2020  
 Client: Staatsolie Maatschappij Suriname  
 Name of Project: Saramacca Cyclic Steam Stimulation EMMP  
 Project Description: EIA for the Cyclic Steam Stimulation Enhanced Oil Recovery, Suriname  
 Job Title and Duties: Project Director  
 Value of Project: US \$ 50 000

Location: Suriname  
 Project duration & year: 2019 – 2020  
 Client: Staatsolie Maatschappij Suriname  
 Name of Project: Saramacca Polymer Flood EMMP  
 Project Description: EIA for Polymer Flood Enhanced Oil Recovery, Suriname  
 Job Title and Duties: Project Director  
 Value of Project: US \$ 85 000

Location: Suriname  
 Project duration & year: 2019 – 2020  
 Client: Maritieme Autoriteit Suriname  
 Name of Project: Suriname River Dredging Project ESIA  
 Project Description: ESIA for the dredging of the Suriname River, Suriname  
 Job Title and Duties: Project Director  
 Value of Project: US \$ 185 000

Location: Suriname  
 Project duration & year: 2018 – 2019  
 Client: Staatsolie Maatschappij Suriname  
 Name of Project: Saramacca Power Plant ESIA  
 Project Description: ESIA for the 36 MW power plant in the Saramacca District, Suriname  
 Job Title and Duties: Project Director  
 Value of Project: US \$ 125 000

Location: Brand se Baai, Western Cape, South Africa  
 Project duration & year: 2018 – 2019  
 Client: Tronox Mineral Sands  
 Name of Project: Tronox Coastal Setback  
 Project Description: EIA for prospecting in the “coastal setback” at Namakwa Sands Mine  
 Job Title and Duties: Project Director  
 Value of Project: R 800 000

Location: Luanda, Angola  
 Project duration & year: 2018 – 2019  
 Client: Motaengil Africa  
 Name of Project: Patriota Hospital  
 Project Description: IFC compliant EIA for Private Hospital  
 Job Title and Duties: Project Director  
 Value of Project: R 640 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: South Africa  
 Project duration & year: 2018 - Ongoing  
 Client: Rheinmetall Denel  
 Name of Project: Multi Purpose Nitration Plant  
 Project Description: EIA for Multi Purpose Nitration Plant  
 Job Title and Duties: Project Director  
 Value of Project: R 650 000

Location: South Africa  
 Project duration & year: 2018 – 2019  
 Client: Sezigyn  
 Name of Project: Orange Deep West Exploration Right EIA  
 Project Description: EIA for Exploration Right Application, Offshore Block Orange Deep West, West Coast  
 Job Title and Duties: Project Director  
 Value of Project: R 150 000

Location: South Africa  
 Project duration & year: 2018 – 2019  
 Client: Ricocure  
 Name of Project: Block 3B Exploration Right EIA  
 Project Description: EIA for Exploration Right Application, Offshore Block 3B, West Coast  
 Job Title and Duties: Project Director  
 Value of Project: R 150 000

Location: South Africa  
 Project duration & year: 2018 – 2019  
 Client: Sezigyn  
 Name of Project: Mid-Orange Basin Exploration Right EIA  
 Project Description: EIA for Exploration Right Application, Offshore Mid-Orange Basin, West Coast  
 Job Title and Duties: Project Director  
 Value of Project: R 150 000

Location: South Africa  
 Project duration & year: 2017  
 Client: Impact Oil and Gas  
 Name of Project: Orange Deep Basin Seismic Survey  
 Project Description: EIA for 2D and/or 3D Seismic Survey in Orange Deep Basin  
 Job Title and Duties: Project Director  
 Value of Project: R600 000

Location: Soyo, Angola  
 Project duration & year: 2017  
 Client: AES  
 Name of Project: Landfill ESIA Amendment  
 Project Description: ESIA of landfill  
 Job Title and Duties: Project Director  
 Value of Project: US \$ 15 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Pletmos Basin, Offshore Southern Cape, South Africa  
 Project duration & year: 2016 – 2017  
 Client: Sungu Sungu Oil (Pty) Ltd  
 Name of Project: Pletmos Basin Seismic Survey EIA  
 Project Description: EIA  
 Job Title and Duties: Project Director  
 Value of Project: R 525 000

Location: Western Cape, South Africa  
 Project duration & year: 2016 – 2017  
 Client: City Of Cape Town  
 Name of Project: Vissershok North Landfill Waste Management Licence  
 Project Description: EIA  
 Job Title and Duties: Project Director  
 Value of Project: R 675 000

Location: Lutzville, Western Cape, South Africa  
 Project duration & year: September 2016 – ongoing  
 Client: Mineral Sand Resources  
 Name of Project: Tormin Mine EIA  
 Project Description: EIA for the Tormin Mine Expansion  
 Job Title and Duties: Project Director  
 Value of Project: R 1 500 000

Location: Saldanha Bay, Western Cape, South Africa  
 Project duration & year: 2016 – Ongoing  
 Client: Department of Agriculture, Forestry and Fisheries  
 Name of Project: Saldanha Bay Aquaculture Development Zone EIA  
 Project Description: Project Definition and Basic Assessment for a proposed Aquaculture Development Zone in Saldanha Bay as part of Operation Phakisa  
 Job Title and Duties: Project director  
 Value of Project: R 1 000 000

Location: Mossel Bay, Western Cape, South Africa  
 Project duration & year: 2016  
 Client: Easigas  
 Name of Project: LNG EIA  
 Project Description: Environmental Impact Assessment (EIA) for LNG facility  
 Job Title and Duties: Project director  
 Value of Project: R 600 000

Location: Vanrhynsdorp, Western Cape, South Africa  
 Project duration & year: 2016  
 Client: Gyproc St Gobain  
 Name of Project: Maskam Mine EMPR  
 Project Description: Environmental Management Programme for Maskam gypsum mine  
 Job Title and Duties: Project director  
 Value of Project: R 100 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Ceres, Western Cape, South Africa  
 Project duration & year: 2016  
 Client: Eskom  
 Name of Project: Bon Chretien – Merino Powerline  
 Project Description: Basic Assessment for the construction of a powerline between the existing Bon Chretien substation in Ceres and the new Merino substation  
 Job Title and Duties: Project director  
 Value of Project: R 400 000

Location: Brand se Baai, Western Cape, South Africa  
 Project duration & year: 2015 – Ongoing  
 Client: Tronox Mineral Sands (Pty) Ltd  
 Name of Project: West Mine Slimes Dam 6  
 Project Description: Environmental Impact Assessment (EIA) for new slimes dam  
 Job Title and Duties: Project director  
 Value of Project: R 900 000

Location: Observatory, Western Cape  
 Project duration & year: 2015 – Ongoing  
 Client: The River Club  
 Name of Project: Redevelopment of the River Club Property  
 Project Description: EIA for redevelopment  
 Job Title and Duties: Project director  
 Value of Project: R 1 050 000

Location: Western Cape, South Africa  
 Project duration & year: 2015 - Ongoing  
 Client: Eskom  
 Name of Project: Transient Interim Storage Facility Project  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 900 000

Location: St. Helena Bay, Western Cape, South Africa  
 Project duration & year: 2015 – Ongoing  
 Client: Lucky Star  
 Name of Project: Section 24G Application  
 Project Description: Section 24G Application and Environmental Impact Assessment to apply for rectification of an unlawful activity  
 Job Title and Duties: Project Director  
 Value of Project: R 110 000

Location: Liberia  
 Project duration & year: 2015 - Ongoing  
 Client: SIMO Petroleum Ltd  
 Name of Project: Fuel Supply Project Liberia EIA  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: US \$ 200 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Guinea  
 Project duration & year: 2015 - Ongoing  
 Client: SIMO Petroleum Ltd  
 Name of Project: Fuel Supply Project Guinea ESIA  
 Project Description: Environment and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: US \$ 200 000

Location: Liberia  
 Project duration & year: 2014  
 Client: Sable Mining Africa Ltd  
 Name of Project: Nimba Iron Ore Export Project EIA  
 Project Description: Environment and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: US \$ 450 000

Location: Western, Northern and Eastern Cape, South Africa  
 Project duration & year: 2014 - 2015  
 Client: Falcon Oil & Gas  
 Name of Project: South Karoo Basin Shale Gas Exploration  
 Project Description: Environment management programme update and engagement  
 Job Title and Duties: Project director  
 Value of Project: USD 90 000

Location: Western Cape, South Africa  
 Project duration/date: 2014 - 2015  
 Client: Department of Environmental Affairs (DEA)  
 Name of Project: Licensing of Unlicensed Municipal Waste Disposal Sites  
 Project Description: Waste Management License applications and Basic Assessment processes for 20 unlicensed waste disposal facilities in the W Cape.  
 Job Title and Duties: Project Director  
 Value of Project: R 2 600 000

Location: Guinea  
 Project duration & year: 2014 – on hold  
 Client: Sable Mining / West Africa Explorations (WAE)  
 Name of Project: Nimba Mine Project CIA  
 Project Description: Cumulative Impact Assessment for WAE's Nimba iron ore mine  
 Job Title and Duties: Project Director  
 Value of Project: US \$ 90 000

Location: Kimberley, Northern Cape, South Africa  
 Project duration & year: 2014-  
 Client: De Beers Kimberley Mines  
 Name of Project: De Beers Buffalo Camp  
 Project Description: Basic Assessment and EMPR Amendment  
 Job Title and Duties: Project Director  
 Value of Project: R 260 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Kraaifontein, Western Cape, South Africa  
 Project duration & year: 2014-  
 Client: Eskom  
 Name of Project: Eskom Double Circuit 132kV Powerline and Denova 132/11kV Substation  
 Project Description: Basic Assessment and Water Use Licence Application  
 Job Title and Duties: Project Director  
 Value of Project: R 300 000

Location: Saldanha Bay, Western Cape, South Africa  
 Project duration & year: 2014 - 2015  
 Client: Tronox Namakwa Sands  
 Name of Project: Smelter Expansion EIA  
 Project Description: EIA for additional furnace at Smelter  
 Job Title and Duties: Project director  
 Value of Project: R 1 250 000

Location: Hermanus, Western Cape, South Africa  
 Project duration & year: 2014 - 2017  
 Client: EFG Engineers  
 Name of Project: Hermanus Bypass EIA  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project review  
 Value of Project: R 1 200 000

Location: Turkey  
 Project duration & year: 2014  
 Client: SRK Turkey  
 Name of Project: Copler Gold Mine Expansion Cumulative CIA  
 Project Description: Cumulative impact assessment  
 Job Title and Duties: Project review  
 Value of Project: US \$ 30 000

Location: Liberia  
 Project duration & year: 2014  
 Client: Sable Mining Africa Ltd  
 Name of Project: Nimba Iron Ore Export Project EIA  
 Project Description: Environment and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: US \$ 450 000

Location: Brand se Baai, Western Cape, South Africa  
 Project duration & year: 2014 - Ongoing  
 Client: Tronox Namakwa Sands  
 Name of Project: Abalone Farm EIA  
 Project Description: EIA for abalone farm  
 Job Title and Duties: Project director  
 Value of Project: R1 050 000



# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Doringbaai, Western Cape, South Africa  
 Project duration & year: 2014 - Ongoing  
 Client: Matzikamma Municipality  
 Name of Project: Abalone Farm EIAs  
 Project Description: EIAs for three abalone farms  
 Job Title and Duties: Project director  
 Value of Project: R 1 100 000

Location: Liberia  
 Project duration & year: 2014  
 Client: Sable Mining Africa Ltd  
 Name of Project: Nimba Iron Ore Export Project EIA : Phase 1  
 Project Description: Environment and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: US \$ 30 000

Location: Kimberley, South Africa  
 Project duration & year: 2013  
 Client: De Beers  
 Name of Project: EMPr Amendment  
 Project Description: EMPr amendment to incorporate extension of fine residue pond for submission to Department of Mineral Resources  
 Job Title and Duties: Project director  
 Value of Project: R 120 000

Location: Soyo, Angola  
 Project duration & year: 2013  
 Client: AES  
 Name of Project: Landfill ESIA  
 Project Description: ESIA of landfill  
 Job Title and Duties: Project director  
 Value of Project: US \$ 70 000

Location: Angola  
 Project duration & year: 2013  
 Client: Western Geco  
 Name of Project: Western Geco Ultra Deep EIA  
 Project Description: Environment and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: US \$ 35 000

Location: Southern Cape, South Africa  
 Project duration & year: 2013 - Ongoing  
 Client: PetroSA  
 Name of Project: Offshore EIA and EMP  
 Project Description: EIA of offshore gasfield  
 Job Title and Duties: Project director  
 Value of Project: R 500 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Suriname  
 Project duration & year: 2013  
 Client: EnergieBedrijven Suriname  
 Name of Project: EBS Power Plant ESIA  
 Project Description: ESIA of new power plant  
 Job Title and Duties: Project director  
 Value of Project: US \$ 135 000

Location: Soyo, Angola  
 Project duration & year: 2013  
 Client: AES  
 Name of Project: TDU ESIA  
 Project Description: ESIA of Thermal Desorption Unit  
 Job Title and Duties: Project director  
 Value of Project: US \$ 65 000

Location: Suriname  
 Project duration & year: 2012 – Ongoing  
 Client: Staatsolie Maatschappij Suriname  
 Name of Project: SPCS Power Plant Expansion Rapid EA  
 Project Description: Rapid EA of power plant expansion  
 Job Title and Duties: Project director  
 Value of Project: US \$ 100 000

Location: Angola  
 Project duration & year: 2012  
 Client: BP  
 Name of Project: BP Blocks 18 & 31 Drilling and Seismic Survey  
 Project Description: Environment and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: US \$ 40 000

Location: Abraham Villiers Bay, Northern Cape, South Africa  
 Project duration & year: 2012 – Ongoing  
 Client: Frontier  
 Name of Project: Desalination Plant EIA  
 Project Description: EIA for proposed desalination plant and water pipeline  
 Job Title and Duties: Project director  
 Value of Project: R 1 250 000

Location: Lucap, Lunda Norte, Angola  
 Project duration & year: 2012  
 Client: Tecmad  
 Name of Project: Confidential  
 Project Description: Retrospective EIA for existing open pit and alluvial diamond mining operation  
 Job Title and Duties: Project director  
 Value of Project: R 275 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Namakwaland, Western Cape, South Africa  
 Project duration & year: 2012 - Ongoing  
 Client: Tronox Namakwa Sands  
 Name of Project: Namakwa Sands EIA/EMPr  
 Project Description: EIA /EMPr for two mining application areas  
 Job Title and Duties: Project director  
 Value of Project: R 1 250 000

Location: Vanrhynsdorp, Western Cape, South Africa  
 Project duration & year: 2012  
 Client: Viaquin Investments (Pty) Ltd  
 Name of Project: EMPlan for Rare Earth Elements Prospecting ner Vanrhynsdorp  
 Project Description: EMPlan for submission to Department of Mineral Resources  
 Job Title and Duties: Project director  
 Value of Project: R 80 000

Location: Vanrhynsdorp, Western Cape, South Africa  
 Project duration & year: 2012  
 Client: Viaquin Investments (Pty) Ltd  
 Name of Project: EMPlan for Rare Earth Elements Prospecting ner Vanrhynsdorp  
 Project Description: EMPlan for submission to Department of Mineral Resources  
 Job Title and Duties: Project director  
 Value of Project: R 80 000

Location: Cape Town, South Africa  
 Project duration/date: 2012 - Ongoing  
 Client: Airports Company South Africa  
 Name of Project: CTIA Runway Realignment EIA  
 Project Description: EIA of realignment of runway  
 Job Title and Duties: Project director  
 Value of SRK Project: R 1 675 000

Location: Matzikama Municipality, South Africa  
 Project duration/date: 2012 - Ongoing  
 Client: Exxaro Namakwa Sands  
 Name of Project: Exxaro Namakwa Sands EIA and EMPr  
 Project Description: EIA and EMPr for two new mining areas at the Exxaro Namakwa Sands mining operations at Brand-se-Baai.  
 Job Title and Duties: Project director  
 Value of SRK Project: R 1 250 000

Location: Maputo, Mozambique  
 Project duration/date: 2012  
 Client: Grindrod Mauritius  
 Name of Project: ESIA of Matola Coal Terminal Phase 4 Expansion  
 Project Description: EIA of Matola Coal Terminal Phase 4 Expansion in Maputo  
 Job Title and Duties: Project director  
 Value of SRK Project: USD 425 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Suriname  
 Project duration & year: 2011 – Ongoing  
 Client: Staatsolie Maatschappij Suriname  
 Name of Project: Staatsolie Pipeline EIA  
 Project Description: EIA for proposed construction of diesel, gasoline and LGP pipelines  
 Job Title and Duties: Project director  
 Value of Project: US \$ 120 000

Location: Saldanha Bay, South Africa  
 Project duration & year: 2011 – Ongoing  
 Client: Premier Fishing  
 Name of Project: Saldanha Fish Meal Plant  
 Project Description: EIA for proposed re-establishment of fish meal plant in Saldanha Bay  
 Job Title and Duties: Project director  
 Value of Project: R 1 200 000

Location: Matzikama Municipality, South Africa  
 Project duration/date: 2011  
 Client: Exxaro Namakwa Sands  
 Name of Project: Exxaro Namakwa Sands Socio-economic Impact Assessment  
 Project Description: Socio-economic Impact Assessment of the Exxaro Namakwa Sands mining operation on the local communities in the Matzikama Municipality.  
 Job Title and Duties: Project director  
 Value of SRK Project: R 80 000

Location: Angola  
 Project duration/date: 2011 - Ongoing  
 Client: Eni Angola BV  
 Name of Project: Block 15/06 West Hub Development  
 Project Description: Environmental Social and Health Impact Assessment (ESHIA) of the proposed development of the Block 15/06 West Hub oil fields, in conjunction with Angola Resources Consultants (ARC).  
 Job Title and Duties: Project director  
 Value of SRK Project: US D 110 000

Location: Angola  
 Project duration & year: 2010 - 2011  
 Client: Maersk  
 Name of Project: Maersk Blocks 16 Seismic Survey  
 Project Description: Environment and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 25 000

Location: Western, Northern and Eastern Cape, South Africa  
 Project duration & year: 2010 - 2011  
 Client: Falcon Oil & Gas  
 Name of Project: South Karoo Basin Shale Gas Exploration  
 Project Description: Environment management programme  
 Job Title and Duties: Project director  
 Value of Project: USD 100 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Nampula Province, Mozambique  
 Project duration & year: 2010 - Ongoing  
 Client: Vale  
 Name of Project: Evate Phosphate Processing Plant, Mozambique  
 Project Description: Environmental scoping study  
 Job Title and Duties: Project review  
 Value of Project: USD 30 000

Location: Vanrhynsdorp, Western Cape, South Africa  
 Project duration & year: 2010 – Ongoing  
 Client: Great Western Minerals Group  
 Name of Project: Steenkampskraal Rare Earth Elements Mine  
 Project Description: Environment impact assessment and EMP  
 Job Title and Duties: Project director  
 Value of Project: R 1 760 000

Location: Angola  
 Project duration & year: 2010 - 2011  
 Client: Maersk  
 Name of Project: Maersk Blocks 16 Seismic Survey  
 Project Description: Environment and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 25 000 million

Location: Northern Cape, South Africa  
 Project duration & year: 2010 – Ongoing  
 Client: Ranor Karoo Farm Holdings  
 Name of Project: Schanskraal Residential Estate  
 Project Description: Environment impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 560 000

Location: Eastern Senegal  
 Project duration & year: 2010  
 Client: Oromin Joint Venture Group  
 Name of Project: Oromin Sabodala Gold Mine  
 Project Description: Visual impact assessment  
 Job Title and Duties: Project consultant  
 Value of Project: USD 27 000

Location: Brazil  
 Project duration & year: 2010  
 Client: SRK UK  
 Name of Project: MBAC Phosphate and Potash Mine  
 Project Description: Environmental due diligence review  
 Job Title and Duties: Project review  
 Value of Project: USD 2 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Nampula Province, Mozambique  
 Project duration & year: 2010 - Ongoing  
 Client: Vale  
 Name of Project: Evate Phosphate Mine, Mozambique  
 Project Description: Environmental and social impact assessment  
 Job Title and Duties: Project review  
 Value of Project: USD 630 000

Location: Luanda, Malange and Lubango, Angola  
 Project duration & year: 2010  
 Client: Sonangol Lda  
 Name of Project: Sonangol Bulk Storage Depots  
 Project Description: Environment impact assessment (x6)  
 Job Title and Duties: Project review  
 Value of Project: USD 280 000

Location: Sofala Province, Mozambique  
 Project duration & year: 2009 – 2010  
 Client: Empresa Moçambicana de hidrocarbonetos and Buzi Hydrocarbons Pty Ltd  
 Name of Project: Seismic Surveys and Exploration Drilling in Buzi Block  
 Project Description: Environment and social impact assessment  
 Job Title and Duties: Project reviewer  
 Value of Project: USD 200 000

Location: Paramaribo, South America  
 Project duration & year: 2009 – 2010  
 Client: Staatsolie  
 Name of Project: Staatsolie Refinery Expansion  
 Project Description: Environment and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 400 000

Location: Moamba, Mozambique  
 Project duration & year: 2009 – 2010  
 Client: Sasol Technology  
 Name of Project: Sasol Moamba Pipeline  
 Project Description: EIA for proposed new gas pipeline from Ressano Garcia to Moamba, Mozambique  
 Job Title and Duties: Project director  
 Value of Project: R 1 000 000

Location: Angola  
 Project duration & year: 2008 - 2010  
 Client: Petrobras  
 Name of Project: Petrobras Blocks 6, 18 and 26 Prospect Well Drilling  
 Project Description: Environment and social impact assessments (x3)  
 Job Title and Duties: Project director  
 Value of Project: USD 123 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Aggeneys, South Africa  
 Project duration & year: 2008 – 2010  
 Client: Anglo American  
 Name of Project: Gamsberg Zinc Mine  
 Project Description: State of Environment Report, Strategic Environment Assessment, and Environmental, Social and Health Impact Assessment  
 Job Title and Duties: Project partner: strategy and review  
 Value of Project: R13 million

Location: Botswana and Namibia  
 Project duration & year: 2008 – Ongoing  
 Client: CIC Energy  
 Name of Project: Trans Kalahari Railroad and Port Screening Study  
 Project Description: Environmental screening and fatal flaw assessment  
 Job Title and Duties: Strategy and review  
 Value of Project: R 1 300 000

Location: Mossel Bay, South Africa  
 Project duration & year: 2008 – 2009  
 Client: Anglo American  
 Name of Project: Anglo American Mossel Bay Power Plant  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 840 000

Location: Suriname  
 Project duration & year: 2007 – 2008  
 Client: BHP Billiton  
 Name of Project: Corantijn River Dredging ESIA  
 Project Description: Environmental and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 750 000

Location: Chrysallis Landfill, Gauteng, South Africa  
 Project duration & year: 2006 – 2007  
 Client: PlanTrust  
 Name of Project: Bottelary, Western Cape Province, South Africa  
 Project Description: EIA for proposed landfill  
 Job Title and Duties: Project director  
 Value of Project: R 700 000

Location: Suriname  
 Project duration & year: 2006 – 2008  
 Client: BHP Billiton  
 Name of Project: Bakhuis Transport ESIA  
 Project Description: Environmental and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 1.6 million

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Worcester, Western Cape, South Africa  
 Project duration & year: 2006 – 2010  
 Client: Altona Developments  
 Name of Project: EIA for Altona Development  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 750 000

Location: Nassau, Suriname  
 Project duration & year: 2006  
 Client: BHP Billiton  
 Name of Project: Nassau Exploration  
 Project Description: Initial environmental review  
 Job Title and Duties: Project director  
 Value of Project: USD 15 000

Location: Bakhuis, Suriname  
 Project duration & year: 2005 – 2008  
 Client: BHP Billiton  
 Name of Project: Bakhuis Bauxite Mining ESIA  
 Project Description: Environmental and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 3.2 million

Location: Suider-Paarl, Western Cape, South Africa  
 Project duration & year: 2005 – 2008  
 Client: Levendal Developments (Pty) Ltd  
 Name of Project: Levendal Development EIA  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 450 000

Location: Somerset West, Western Cape, South Africa  
 Project duration & year: 2005 – 2006  
 Client: Ninham Shand (Pty ) Ltd  
 Name of Project: Somerset West Road Upgrade TR2 and MR 108 road upgrades  
 Project Description: 2 x Scoping studies  
 Job Title and Duties: Project director  
 Value of Project: R 250 000

Location: Coermotibo, Suriname  
 Project duration & year: 2005  
 Client: BHP Billiton  
 Name of Project: Coermotibo Three Hills Bauxite deposits  
 Project Description: Environmental and social impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 65 000



# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Luanda, Angola  
 Project duration & year: 2005  
 Client: Best Angola Metal  
 Name of Project: Angola metals recycling - EIA  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 60 000

Location: Viana, Angola  
 Project duration & year: 2005 - 2010  
 Client: Bevcam, Angola  
 Name of Project: Bevcam canning facility - EIA  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 75 000

Location: Cabinda, Angola  
 Project duration & year: 2004 – 2005  
 Client: Chevron Texaco  
 Name of Project: Malongo base hazardous landfill - EIA  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 90 000

Location: Western Cape, South Africa  
 Project duration & year: 2004 – 2005  
 Client: Power Cape Developments (Pty) Ltd  
 Name of Project: Environmental impact assessment  
 Project Description: N/A  
 Job Title and Duties: Project director  
 Value of Project: R 300 000

Location: Groenkloof, Western Cape, South Africa  
 Project duration & year: 2004  
 Client: Brandwacht Land Development (Pty) Ltd  
 Name of Project: Brandwacht Rezoning - EIA  
 Project Description: Scoping study  
 Job Title and Duties: Project director  
 Value of Project: R 100 000

Location: Mossel Bay, Western Cape, South Africa  
 Project duration & year: 2004  
 Client: Joao Da Nova  
 Name of Project: Hartenbos Heuwels EIA, Rezoning of land to residential  
 Project Description: Scoping study and rezoning of land to residential  
 Job Title and Duties: Project director  
 Value of Project: R 75 000

## Chris Dalgliesh

### Principal Consultant

#### **Key Experience: Environmental and social impact assessment (ESIA)**

Location: Mossel Bay, Western Cape, South Africa  
 Project duration & year: 2004  
 Client: Joao Da Nova  
 Name of Project: Kwanonqaba EIA, Rezoning of land to light industry  
 Project Description: Scoping study and rezoning of land to light industrial  
 Job Title and Duties: Project director  
 Value of Project: R 75 000

Location: Mossel Bay, Western Cape, South Africa  
 Project duration & year: 2004  
 Client: Attpower Developments (Pty) Ltd  
 Name of Project: Mossel Bay beachfront redevelopment and walkway - EIA  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 600 000

Location: Cacuaco, Angola  
 Project duration & year: 2004  
 Client: Intels Services Luanda  
 Name of Project: Intels hazardous landfill - Intels Landfill Operating Manual  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 65 000

Location: Cape Peninsula National Park, Western Cape, South Africa  
 Project duration & year: 2003 – 2005  
 Client: Halcyon Africa  
 Name of Project: Halcyon Koeel Bay Lodge, investigation of Groundwater Use/Resources  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 300 000

Location: Gansbaai, Western Cape, South Africa  
 Project duration & year: 2003 – 2005  
 Client: Kwezi V3  
 Name of Project: Gansbaai Waste Water Treatment Works  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 350 000

Location: Pearly beach, Western Cape, South Africa  
 Project duration & year: 2003 – 2004  
 Client: Overstrand Municipality  
 Name of Project: Pearly Beach waste water treatment works  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 200 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Bordjieskrif Cape Peninsula National Park, Western Cape, South Africa  
 Project duration & year: 2003 – 2004  
 Client: Cape Peninsula National Park  
 Name of Project: Bordjieskrif Experimental Centre  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 240 000

Location: Cape Town, Western Cape, South Africa  
 Project duration & year: 2003 – 2004  
 Client: City of Cape Town  
 Name of Project: Fisantekraal waste water treatment works, EIA : Fisantekraal  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 450 000

Location: Luanda, Angola  
 Project duration & year: 2003  
 Client: Intels Services Luanda  
 Name of Project: Intels total waste management facility  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: USD 60 000

Location: Somerset West, Western Cape, South Africa  
 Project duration & year: 2002 – 2003  
 Client: Heartland Properties (Pty) Ltd  
 Name of Project: Zeconi Fibre Optic Plant  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 250 000

Location: Eastern Cape, South Africa  
 Project duration & year: 2002 – 2003  
 Client: St Francis Bay Municipality  
 Name of Project: St Francis Bay, beach remediation  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 300 000

Location: Western Cape, South Africa  
 Project duration & year: 2001 – 2004  
 Client: Breede River Winelands Municipality  
 Name of Project: Breede River Winelands Municipality Landfill  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project manager  
 Value of Project: R 400 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Western Cape, South Africa  
 Project duration & year: 2001 – 2004  
 Client: City Of Cape Town  
 Name of Project: Vissershoek EICR North landfill extension  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 175 000

Location: Plettenberg Bay, Eastern Cape, South Africa  
 Project duration & year: 2001 – 2002  
 Client: Sanderlings Coastal Estates  
 Name of Project: Sanderlings Estate Development - EIA  
 Project Description: Scoping study  
 Job Title and Duties: Project manager  
 Value of Project: R 150 000

Location: Capricorn Park, Western Cape, South Africa  
 Project duration & year: 2001 – 2002  
 Client: Heartland Properties (Pty) Ltd  
 Name of Project: Zeconi fibre optic plant  
 Project Description: Supplementary environment impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 180 000

Location: Worcester, Western Cape, South Africa  
 Project duration & year: 2000 – 2004  
 Client: KWV  
 Name of Project: Effluent disposal site and pipeline  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project director  
 Value of Project: R 250 000

Location: Saldanha, Western Cape, South Africa  
 Project duration & year: 2000 – 2002  
 Client: SA Port Operations  
 Name of Project: Portnet Saldanha iron ore terminal expansion – EIA  
 Project Description: Environmental impact study  
 Job Title and Duties: Project director  
 Value of Project: R 600 000

Location: Robertson, Western Cape, South Africa  
 Project duration & year: 2000 – 2001  
 Client: Breed River Winelands Municipality  
 Name of Project: Robertson landfill  
 Project Description: Scoping study  
 Job Title and Duties: Project manager  
 Value of Project: R 75 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location: Durbanville, Western Cape, South Africa  
 Project duration & year: 2000 – 2001  
 Client: Omnicron Eiendomsmakelaars Trust  
 Name of Project: Kanonberg Lifestyle Estate, Road Amendment  
 Project Description: Scoping study  
 Job Title and Duties: Project manager  
 Value of Project: R 130 000

Location: Nigeria  
 Project duration & year: 2000  
 Client: Entech  
 Name of Project: Bar Beach Waterfront - EIA  
 Project Description: Reclamation and redevelopment feasibility study  
 Job Title and Duties: Project manager  
 Value of Project: USD 10 000

Location: Meerlust, Western Cape, South Africa  
 Project duration & year: 2000  
 Client: Ninham Shand  
 Name of Project: Meerlust Bosbou social housing project  
 Project Description: Scoping study  
 Job Title and Duties: Project manager  
 Value of Project: R 75 000

Location: Airport Industria, Cape Town, Western Cape, South Africa  
 Project duration & year: 1999 – 2000  
 Client: NGK  
 Name of Project: NGK ceramics shuttle kiln  
 Project Description: Scoping study  
 Job Title and Duties: Project manager  
 Value of Project: R 150 000

Location: Zandvliet/Macassar, Western Cape, South Africa  
 Project duration & year: 1999 – 2000  
 Client: City of Cape Town  
 Name of Project: Zandvliet/Macassar waste water treatment works  
 Project Description: Environmental impact assessment  
 Job Title and Duties: Project manager  
 Value of Project: R 300 000

Location: Eastern Cape, South Africa  
 Project duration & year: 1999  
 Client: Coega Development Corporation  
 Name of Project: Coega development zone  
 Project Description: Rezoning environmental impact assessment  
 Job Title and Duties: Project coordinator  
 Value of Project: R 85 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental and social impact assessment (ESIA)

Location:	Atlantis, Western Cape, South Africa
Project duration & year:	1999
Client:	FibreCore
Name of Project:	IDC optical glass facility
Project Description:	Scoping report
Job Title and Duties:	Project manager
Value of Project:	R 50 000
Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration & year:	1999
Client:	Umtha Welanga
Name of Project:	Umtha Welanga Casino
Project Description:	Environmental impact assessment and EMP
Job Title and Duties:	Project manager
Value of Project:	R 220 000
Location:	Richards Bay, KwaZulu-Natal, South Africa
Project duration & year:	1999
Client:	BHP Billiton
Name of Project:	Proposed Alusaf Hillside smelter
Project Description:	Environmental impact assessment – scoping only
Job Title and Duties:	Project manager
Value of Project:	R 150 000
Location:	Eastern Cape, South Africa
Project duration & year:	1997 – 1998
Client:	Coega Development Corporation
Name of Project:	Environmental assessment
Project Description:	Coega Quarry Haul Road
Job Title and Duties:	Project manager
Value of Project:	R 30 000
Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration & year:	1995 – 1998
Client:	Gencor
Name of Project:	Gencor Zinc refinery and Kynoch phosphoric plant
Project Description:	Environmental impact assessment
Job Title and Duties:	Project manager
Value of Project:	R 800 000
Location:	Saldanha, Western Cape, South Africa
Project duration & year:	1997
Client:	Duferco
Name of Project:	DSP steel rolling mini-mill
Project Description:	Environmental impact assessment
Job Title and Duties:	Project manager
Value of Project:	R 90 000

# Chris Dalgliesh

## Principal Consultant

### **Key Experience: Environmental and social impact assessment (ESIA)**

Location: Durban, KwaZulu-Natal, South Africa  
 Project duration & year: 1993 – 1994  
 Client: Hoechst  
 Name of Project: Hoescht SA polymer extension  
 Project Description: Initial EIA  
 Job Title and Duties: Joint project manager

Value of Project: R 280 000

### **Key Experience: Environmental planning and natural resource management**

Location: Lutzville, Western Cape, South Africa  
 Project duration & year: 2021  
 Client: Mineral Sand Resources  
 Name of Project: West Matzikama Strategic Environmental Assessment Terms of Reference  
 Project Description: Contemplated West Matzikama SEA  
 Job Title and Duties: Project Director  
 Value of Project: R 180 000

Location: Saldanha Bay, Western Cape, South Africa  
 Project duration & year: 2018  
 Client: Transnet  
 Name of Project: Review of Operational EMP for Port of Saldanha  
 Project Description: Operational EMP  
 Job Title and Duties: Project Director  
 Value of Project: R 170 000

Location: Duynfontyn and Thyspunt, South Africa

Project duration & year: 2017 – 2021  
 Client: Eskom  
 Name of Project: Nuclear Site Safety Reports Update  
 Project Description: Ecological Reports  
 Job Title and Duties: Report compilation and review  
 Value of Project: R 800 0000

Location: Western Cape, South Africa  
 Project duration & year: 2016 – 2017  
 Client: Western Cape State of Environmental Report Update  
 Name of Project: Provincial Government Western Cape  
 Project Description: Environmental report  
 Job Title and Duties: Project director  
 Value of Project: R 1.7 million

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental planning and natural resource management

Location: Brand-se-Baai, Western Cape, South Africa  
 Project duration & year: 2015 - Ongoing  
 Client: Tronox  
 Name of Project: Assessment of the rehabilitation potential of the Namakwa Sands Mine  
 Project Description: Development of Closure Commitments and Rehabilitation Monitoring Plan  
 Job Title and Duties: Project director  
 Value of Project: R 600 000

Location: Cape Town Harbour, Western Cape, South Africa  
 Project duration & year: 2015  
 Client: Chevron South Africa (Pty) Ltd  
 Name of Project: Chevron CWDP Application  
 Project Description: Coastal Waters Discharge Permit Application for the Upgrade of Tank 25-D1 at Cape Town Harbour  
 Job Title and Duties: Project director  
 Value of Project: R 120 000

Location: West Coast, South Africa  
 Project duration & year: 2012 - 2013  
 Client: West Coast District Municipality  
 Name of Project: WCDM ICMP  
 Project Description: Integrated Coastal Management Plan  
 Job Title and Duties: Project director  
 Value of Project: R 700 0000

Location: Cape Town, Western Cape, South Africa  
 Project duration & year: 2008 - 2009  
 Client: City of Cape Town  
 Name of Project: City of Cape Town Environmental Management Framework Districts A, D, G, H  
 Project Description: Environmental Management Framework and control zones  
 Job Title and Duties: Project director  
 Value of Project: R 600 0000

Location: Koeberg, Bantamsklip and Thyspunt, South Africa  
 Project duration & year: 2008 – 2013  
 Client: Eskom  
 Name of Project: Nuclear I Site Safety Reports  
 Project Description: Ecological Reports  
 Job Title and Duties: Report compilation and review  
 Value of Project: R 900 0000

Location: Cape Town, Western Cape, South Africa  
 Project duration & year: 2008  
 Client: City of Cape Town  
 Name of Project: City of Cape Town Environmental Management Framework Districts B, C & E  
 Project Description: Environmental Management Framework and control zones  
 Job Title and Duties: Project director  
 Value of Project: R 500 0000



# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental planning and natural resource management

Location: Western Cape, South Africa  
 Project duration & year: 2004 – 2005  
 Client: Knysna Municipality  
 Name of Project: Knysna State of Environment Report  
 Project Description: Environmental report framework and state of environment report  
 Job Title and Duties: Project director  
 Value of Project: R 130 000

Location: Western Cape, South Africa  
 Project duration & year: 2004 – 2005  
 Client: Western Cape State of Environmental Report  
 Name of Project: Provincial Government Western Cape  
 Project Description: Environmental report  
 Job Title and Duties: Project director  
 Value of Project: R 1.4 million

Location: Cape Town, Western Cape, South Africa  
 Project duration & year: 2002 – 2003  
 Client: Planning Partners  
 Name of Project: Culemborg DFP  
 Project Description: Strategic environmental opportunities and constraints study  
 Job Title and Duties: Project director  
 Value of Project: R 80 000

Location: Western Cape, South Africa  
 Project duration & year: 2001 – 2003  
 Client: Table Mountain National Park  
 Name of Project: Cape Peninsula National Park infrastructure  
 Project Description: Environmental management manual (2001 and 2003 review)  
 Job Title and Duties: Project director  
 Value of Project: R 130 000

Location: Outeniqua, Western Cape, South Africa  
 Project duration & year: 2000 – 2001  
 Client: Planning Partners  
 Name of Project: Outeniqua spatial development framework  
 Project Description: Strategic EMP  
 Job Title and Duties: Project director  
 Value of Project: R 240 000

Location: Sout River, Western Cape, South Africa  
 Project duration & year: 2000  
 Client: City of Cape Town  
 Name of Project: Sout River catchment  
 Project Description: Catchment management plan  
 Job Title and Duties: Project director  
 Value of Project: R 80 000

# Chris Dalgliesh

## Principal Consultant

### **Key Experience: Environmental planning and natural resource management**

Location: Capricorn Park, Western Cape, South Africa  
 Project duration & year: 1998  
 Client: FibreCore  
 Name of Project: IDC optical glass facility  
 Project Description: Technical report  
 Job Title and Duties: Project manager  
 Value of Project: R 20 000

Location: Eastern Cape, South Africa  
 Project duration & year: 1998  
 Client: Coega Development Corporation  
 Name of Project: Coega development zone  
 Project Description: Open space management plan  
 Job Title and Duties: Project coordinator  
 Value of Project: R 40 000

Location: Eastern Cape, South Africa  
 Project duration & year: 1998  
 Client: Coega Development Corporation  
 Name of Project: Algoa Bay (Coega development zone)  
 Project Description: Management plan  
 Job Title and Duties: Project coordinator  
 Value of Project: R 40 000

Location: Eastern Cape South Africa  
 Project duration & year: 1998  
 Client: Coega Development Corporation  
 Name of Project: Coega Marine (Coega development zone)  
 Project Description: Risk assessment  
 Job Title and Duties: Project coordinator  
 Value of Project: R 50 000

### **Key Experience: Environmental management consulting**

Location: Beaufort West, Western Cape, South Africa  
 Project duration & year: 2016 - 2017  
 Client: Tasman Pacific Minerals  
 Name of Project: Rystkuil and Quaggasfontein Uranium Mine Advisory  
 Project Description: Enai  
 Environmental Advisory for EIAs  
 Job Title and Duties: Project director  
 Value of Project: R 250 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental management consulting

Location: Paramaribo, Suriname  
 Project duration & year: 2014  
 Client: NIMOS  
 Name of Project: EIA Training  
 Project Description: EIA training course for entry level environmental practitioners  
 Job Title and Duties: Course director and presenter  
 Value of Project: USD 30 000

Location: Namakwaland, Western Cape, South Africa  
 Project duration & year: 2012 - ongoing  
 Client: Tronox Namakwa Sands  
 Name of Project: Traffic Management  
 Project Description: Traffic and consultation study for increased haul truck traffic  
 Job Title and Duties: Project director  
 Value of Project: R150 000

Location: Suriname  
 Project duration & year: 2005 - 2006  
 Client: BMS  
 Name of Project: BHP Billiton Next Generation Mines Concept Study  
 Project Description: Concept study: environment and community  
 Job Title and Duties: Project director  
 Value of Project: USD 25 000 and USD 15 000

Location: Hout Bay, St Helena Bay and Lamberts Bay, Western Cape, South Africa  
 Project duration & year: 2002 – 2004  
 Client: Oceana Operations  
 Name of Project: Oceana Ltd  
 Project Description: Public participation and emissions permitting  
 Job Title and Duties: Project director  
 Value of Project: R 200 000

Location: Cape Metropolitan Area, Western Cape, South Africa  
 Project duration & year: 2001  
 Client: City of Cape Town  
 Name of Project: Outdoor advertising  
 Project Description: EIA guidelines  
 Job Title and Duties: Project director  
 Value of Project: R 65 000

Location: Cape Metropolitan Area, Western Cape  
 Project duration & year: 1999 – 2000  
 Client: Ericsson  
 Name of Project: Acquisition  
 Project Description: Ericsson cellular sites  
 Job Title and Duties: Project manager  
 Value of Project: R 230 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental management consulting

Location: Worldwide  
 Project duration & year: 1999  
 Client: BHP Billiton  
 Name of Project: Billiton companies  
 Project Description: Environmental reporting guidelines  
 Job Title and Duties: Project manager  
 Value of Project: R 60 000

Location: Eastern Cape Province, South Africa  
 Project duration & year: 1999  
 Client: Coega Development Corporation  
 Name of Project: Coega IDZ and Harbour  
 Project Description: Environmental management framework  
 Job Title and Duties: Project manager  
 Value of Project: R 250 000

Location: Eastern Cape, South Africa  
 Project duration & year: 1999  
 Client: Coega Development Corporation  
 Name of Project: Coega IDZ and Harbour  
 Project Description: Environmental management framework  
 Job Title and Duties: Project manager  
 Value of Project: R 250 000

Location: Eastern Cape, South Africa  
 Project duration & year: 1998  
 Client: Coega Development Corporation  
 Name of Project: Coega development zone  
 Project Description: Environmental design manual  
 Job Title and Duties: Project manager  
 Value of Project: R 30 000

Location: Eastern Cape, South Africa  
 Project duration & year: 1998  
 Client: Coega Development Corporation  
 Name of Project: Coega Development Zone  
 Project Description: Open space environmental review  
 Job Title and Duties: Project manager  
 Value of Project: R 25 000

Location: Swaziland  
 Project duration & year: 1997  
 Client: Swaziland Electricity Board  
 Name of Project: Swaziland Electricity Board  
 Project Description: EIA training course  
 Job Title and Duties: Project manager  
 Value of Project: R 75 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental review and due diligence

Location:	Aggeneys
Project duration & year:	2020 – 2021
Client:	Vedanta - Black Mountain Mining (Pty) Ltd
Name of Project:	WUL and EMPPr Performance Assessment, BMM and Gamsberg
Project Description:	WUL and EMPPr Performance Assessment, BMM and Gamsberg
Job Title and Duties:	Project Director
Value of Project:	R 105 000
Location:	Alexander Bay, South Africa
Project duration & year:	2020
Client:	Eramet Comilog Manganese
Name of Project:	Environmental Regulatory Due Diligence of Heavy Minerals Mine
Project Description:	Limited Environmental Regulatory Due Diligence of Heavy Minerals Mine
Job Title and Duties:	Project director
Value of Project:	€ 11 000
Location:	Ghorashal, Bangladesh
Project duration & year:	2020 - 2032
Client:	HSBC Hong Kong
Name of Project:	Ghorasal Polash Urea Fertilizer Project ESDD
Project Description:	Environmental and Social Compliance Monitoring of Fertilizer Plant and Railway Line
Job Title and Duties:	Project director
Value of Project:	\$ 670 000
Location:	Caculo Cabaca, Angola
Project duration & year:	2020
Client:	Euler Hermes / UniCredit / Voith
Name of Project:	Caculo Cabaca Dam ESDD
Project Description:	Environmental and Social Due Diligence and Action Plan
Job Title and Duties:	Project director
Value of Project:	€ 30 000
Location:	Caculo Cabaca, Angola
Project duration & year:	2020
Client:	Euler Hermes / UniCredit / Voith
Name of Project:	Caculo Cabaca Dam ESDD
Project Description:	Environmental and Social Due Diligence and Action Plan
Job Title and Duties:	Project director
Value of Project:	€ 30 000
Location:	Langebaan, South Africa
Project duration & year:	2020
Client:	BNP Paribas
Name of Project:	Elandsfontein Expansion ES Due Diligence
Project Description:	Environmental and Social Compliance Monitoring
Job Title and Duties:	Lead auditor; Environment
Value of Project:	R 115 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental review and due diligence

Location: Aggeneys  
 Project duration & year: 2019 – 2020  
 Client: Vedanta - Black Mountain Mining (Pty) Ltd  
 Name of Project: EMPr Performance Assessment, BMM and Gamsberg  
 Project Description: EMPr Performance Assessment, BMM and Gamsberg  
 Job Title and Duties: Project Director  
 Value of Project: R 115 000

Location: Cambambe, Angola  
 Project duration & year: 2019 - 2021  
 Client: HSBC  
 Name of Project: Cambambe Dam AMR  
 Project Description: Annual Monitoring Reports for MIGA  
 Job Title and Duties: Project director and lead auditor  
 Value of Project: € 110 000

Location: Saldanha Bay, Western Cape, South Africa  
 Project duration & year: 2018  
 Client: Easigas  
 Name of Project: Easigas LPG Depot  
 Project Description: ESDD of Avedia LPG terminal  
 Job Title and Duties: Project Director  
 Value of Project: R90 000

Location: Caculo Cabaca, Angola  
 Project duration & year: 2017  
 Client: Standard Bank South Africa Limited  
 Name of Project: Caculo Cabaca ESDD  
 Project Description: Environmental and Social Due Diligence and Action Plan  
 Job Title and Duties: Lead auditor  
 Value of Project: \$ 23 000

Location: Luanda, Angola  
 Project duration & year: 2017  
 Client: AES  
 Name of Project: Cacuaco Landfill Compliance Review  
 Project Description: Compliance Audit  
 Job Title and Duties: Project Director  
 Value of Project: US \$ 17 500

Location: Langebaan, South Africa  
 Project duration & year: 2016 - 2017  
 Client: BNP Paribas  
 Name of Project: Elandsfontein ES Compliance  
 Project Description: Environmental and Social Compliance Monitoring  
 Job Title and Duties: Lead auditor; Environment  
 Value of Project: R 275 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental review and due diligence

Location:	Port Elizabeth, South Africa
Project duration & year:	2016 – ongoing
Client:	Rubicept
Name of Project:	Metrowind Compliance Review
Project Description:	Environmental and Social Compliance Monitoring
Job Title and Duties:	Project Director
Value of Project:	R 275 000
Location:	Caculo Cabaca, Angola
Project duration & year:	2016 - 2017
Client:	Industrial and Commercial Bank of China
Name of Project:	Caculo Cabaca ESDD
Project Description:	Environmental and Social Due Diligence and Action Plan and Annual Compliance Audits
Job Title and Duties:	Lead auditor
Value of Project:	\$ 31 000
Location:	Israel
Project duration & year:	2016
Client:	Deutsche Bank
Name of Project:	Beer Tuvia ESDD
Project Description:	Environmental and Social Due Diligence of Combined Cycle Gas Turbine and five annual audits, in the Beer Tuvia Industrial Zone
Job Title and Duties:	Project director and lead auditor
Value of Project:	€ 145 000
Location:	Caculo Cabaca, Angola
Project duration & year:	2016
Client:	Confidential
Name of Project:	Caculo Cabaca Dam Gap Analysis
Project Description:	Gap Analysis
Job Title and Duties:	Project director
Value of Project:	€ 20 000
Location:	Langebaan, South Africa
Project duration & year:	2015
Client:	BNP Paribas
Name of Project:	Elandsfontein ESDD
Project Description:	Environmental and Social Due Diligence
Job Title and Duties:	Lead auditor; Environment
Value of Project:	R 110 000
Location:	West Coast, Western Cape, South Africa
Project duration & year:	2014 and 2015
Client:	Tronox Namakwa Sands
Name of Project:	Water Use Licence Audit
Project Description:	Assessment of Namakwa Sands' performance against commitments in licences for the Mine, MSP and Smelter
Job Title and Duties:	Project Director
Value of Project:	R 160 000/year

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental review and due diligence

Location: Lauca, Angola  
 Project duration & year: 2014 - 2021  
 Client: Deutsche Bank  
 Name of Project: Lauca Dam ESDD  
 Project Description: Environmental and Social Due Diligence and Annual Review  
 Job Title and Duties: Project director and lead auditor  
 Value of Project: € 410 000

Location: Namakwaland, Western Cape, South Africa  
 Project duration & year: 2014  
 Client: Tronox Namakwa Sands  
 Name of Project: EMPr Performance Assessment  
 Project Description: EMPr Performance Assessment  
 Job Title and Duties: Project director  
 Value of Project: R 175 000

Location: Guinea  
 Project duration & year: 2014  
 Client: West Africa Exploration Ltd  
 Name of Project: Nimba Iron Ore EIA gap analysis  
 Project Description: Environment and social gap analysis  
 Job Title and Duties: Project director  
 Value of Project: US \$ 80 000

Location: Cambambe, Angola  
 Project duration & year: 2013 - 2017  
 Client: HSBC  
 Name of Project: Cambambe Dam ESDD  
 Project Description: Environmental and Social Due Diligence and Annual Review  
 Job Title and Duties: Project director and lead auditor  
 Value of Project: € 255 000

Location: Namakwaland, Western Cape, South Africa  
 Project duration & year: 2012 - Ongoing  
 Client: Tronox Namakwa Sands  
 Name of Project: EMPr Performance Assessment  
 Project Description: EMPr Performance Assessment  
 Job Title and Duties: Project director  
 Value of Project: R 150 000

Location: Brazil  
 Project duration & year: 2010  
 Client: SRK UK  
 Name of Project: MBAC Fertilizer Project  
 Project Description: Environmental Due Diligence  
 Job Title and Duties: Author and reviewer  
 Value of Project: USD 15 000



# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental review and due diligence

Location: Namakwaland, Western Cape, South Africa  
 Project duration & year: 2012 - ongoing  
 Client: Exxaro Namakwa Sands  
 Name of Project: EMPr Performance Assessment  
 Project Description: EMPr Performance Assessment  
 Job Title and Duties: Project director  
 Value of Project: 85 000

Project duration & year: Russia  
 Client: 2009  
 Name of Project: Rossing South Uranium Mine  
 Project Description: Environmental Due Diligence  
 Job Title and Duties: Author and reviewer  
 Value of Project: USD 12 000

Location: Cape Town, Western Cape, South Africa  
 Project duration & year: 2007 – 2008  
 Client: City of Cape Town  
 Name of Project: Cape Town Regional Landfill EIA Review  
 Project Description: Environmental Impact Assessment external review  
 Job Title and Duties: Reviewer  
 Value of Project: R 120 000

Location: Cape Town, Western Cape, South Africa  
 Project duration & year: 2007 – Ongoing  
 Client: Edward Nathan Sonnenbergs  
 Name of Project: Sea Point EIA Review  
 Project Description: Environmental Impact Assessment external review  
 Job Title and Duties: Reviewer  
 Value of Project: R 30 000

Location: Soyo, Angola  
 Project duration & year: 2006  
 Client: SonaGas  
 Name of Project: Sonagas LNG plant  
 Project Description: Environmental Impact Assessment external review  
 Job Title and Duties: Reviewer  
 Value of Project: USD 50 000

Location: Saldanha Bay, Western Cape, South Africa  
 Project duration & year: 2005 – Ongoing  
 Client: Transnet  
 Name of Project: Transnet iron ore upgrade  
 Project Description: Environmental Impact Assessment and consultation: internal review  
 Job Title and Duties: Reviewer  
 Value of Project: R 4 million

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental review and due diligence

Location: Luanda, Angola  
 Project duration & year: 2004  
 Client: Sonils Luanda  
 Name of Project: Sonils expansion, Sonils Gi Marine  
 Project Description: Environmental Impact Assessment external review  
 Job Title and Duties: Reviewer  
 Value of Project: USD 2 000

Location: Suriname  
 Project duration & year: 2004  
 Client: BMS  
 Name of Project: BHP Billiton Suriname Successor Mines projects  
 Project Description: Environmental Impact Assessment review  
 Job Title and Duties: Reviewer  
 Value of Project: USD 5 000

Location: Cape Town, Western Cape, South Africa  
 Project duration & year: 2003  
 Client: Department of Environmental Affairs & Tourism  
 Name of Project: Potsdam waste water treatment works, Potsdam EIA Review  
 Project Description: Environmental Impact Assessment external review  
 Job Title and Duties: Review consultant  
 Value of Project: R 15 000

Location: Maputo, Mozambique  
 Project duration & year: 2002  
 Client: Netherlands Commission for EIA  
 Name of Project: Mavoco hazardous landfill  
 Project Description: External EIA review for Netherlands Commission for EIA  
 Job Title and Duties: Reviewer  
 Value of Project: R 30 000

Location: Wynberg CBD, South Africa  
 Project duration & year: 2000  
 Client: City of Cape Town  
 Name of Project: Wynberg, Western Cape Province, South Africa  
 Project Description: Integrated study external review  
 Job Title and Duties: Review consultant  
 Value of Project: R 25 000

Location: East London, Eastern Cape, South Africa  
 Project duration & year: 1998  
 Client: East London IDZ  
 Name of Project: Industrial development zone on West Bank strategic environmental assessment (SEA)  
 Project Description: Strategic environmental assessment review  
 Job Title and Duties: Review consultant  
 Value of Project: R 40 000

# Chris Dalgliesh

## Principal Consultant

### **Key Experience: Environmental review and due diligence**

Location: Cape Town, Western Cape, South Africa  
Project duration & year: 1994  
Client: Wastetech  
Name of Project: Vissershoek waste disposal site  
Project Description: Consolidated review of scoping and social impacts  
Job Title and Duties: Joint project manager  
Value of Project: R 40 000

### **Key Experience: Environmental management programmes and plans**

Location: Gamsberg, Northern Cape, South Africa  
Project duration & year: 2018 - Ongoing  
Client: Black Mountain Mining (Pty) Ltd  
Name of Project: Gamsberg Mine IWWMP Update  
Project Description: IWWMP Update  
Job Title and Duties: Project Director  
Value of Project: R 185 000

Location: Lutzville, Western Cape, South Africa  
Project duration & year: 2017  
Client: Tiger Brands  
Name of Project: Tomato Plant IWWMP  
Project Description: Integrated Water and Waste Management Plan for Tomato Plant  
Job Title and Duties: Project Director  
Value of Project: R 125 000

Location: Guinea  
Project duration & year: 2014  
Client: West Africa Exploration Ltd  
Name of Project: Nimba Iron Ore SEP  
Project Description: Stakeholder Engagement Plan  
Job Title and Duties: Project director  
Value of Project: US \$ 15 000

Location: Guinea  
Project duration & year: 2014  
Client: West Africa Exploration Ltd  
Name of Project: Nimba Iron Ore BAP  
Project Description: Biodiversity Action Plan  
Job Title and Duties: Project director  
Value of Project: US \$ 20 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental management programmes and plans

Location: Namakwaland, Western Cape, South Africa  
 Project duration & year: 2013 - ongoing  
 Client: Tronox Namakwa Sands  
 Name of Project: Namakwa Sands IWWMP  
 Project Description: Integrated Water and Waste Management Plan for Namakwa Sands mine  
 Job Title and Duties: Project director  
 Value of Project: R 125 000

Location: Saldanha Bay, Western Cape, South Africa  
 Project duration & year: 2013  
 Client: Tronox Namakwa Sands  
 Name of Project: Smelter IWWMP  
 Project Description: Integrated Water and Waste Management Plan for Namakwa Sands Smelter  
 Job Title and Duties: Project director  
 Value of Project: R110 000

Location: Paramaribo, Suriname  
 Project duration & year: 2009 – 2010  
 Client: Staatsolie  
 Name of Project: Staatsolie Refinery Expansion  
 Project Description: Environmental Management and Monitoring Plan  
 Job Title and Duties: Project director  
 Value of Project: USD 35 000

Location: Suriname  
 Project duration & year: 2007 – Ongoing  
 Client: BHP Billiton  
 Name of Project: Bakhuis Project  
 Project Description: Conceptual Closure and Rehabilitation Plan  
 Job Title and Duties: Project director  
 Value of Project: USD 210 000

Location: Suriname  
 Project duration & year: 2007 – Ongoing  
 Client: BHP Billiton  
 Name of Project: Bakhuis Project  
 Project Description: Environmental Management and Monitoring Plan  
 Job Title and Duties: Project director  
 Value of Project: USD 190 000

Location: Suriname  
 Project duration & year: 2006  
 Client: BMS  
 Name of Project: BHP Billiton Coermotibo Three Hills Bauxite Deposits  
 Project Description: Environmental management and monitoring plan  
 Job Title and Duties: Project director  
 Value of Project: USD 25 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental management programmes and plans

Location: Du Toits Kloof, Western Cape Province, South Africa  
 Project duration & year: 2005 – 2006  
 Client: Private client  
 Name of Project: Rainbow's End  
 Project Description: Environmental assessment and rehabilitation plan  
 Job Title and Duties: Project director  
 Value of Project: USD 200 000

Location: Western Cape, South Africa  
 Project duration & year: 2005 – 2006  
 Client: City of Cape Town  
 Name of Project: Vissershoek landfill extension  
 Project Description: Environmental impact control report  
 Job Title and Duties: Project director  
 Value of Project: R 95 000

Location: Diaz beach, Western Cape, South Africa  
 Project duration & year: 2004  
 Client: Greenfields (Pty) Ltd  
 Name of Project: Diaz beach dunes  
 Project Description: Rehabilitation plan  
 Job Title and Duties: Project director  
 Value of Project: R 75 000

Location: Philippi, Western Cape, South Africa  
 Project duration & year: 2004  
 Client: Consol  
 Name of Project: Consol glass sand mining  
 Project Description: Environmental management plan report  
 Job Title and Duties: Project director  
 Value of Project: R 20 000

Location: Namakwaland, Northern Cape, South Africa  
 Project duration & year: 2003  
 Client: Namakwa Sands  
 Name of Project: Namakwa Sands  
 Project Description: Closure plan  
 Job Title and Duties: Project manager  
 Value of Project: R 170 000

Location: Namakwaland, Northern Cape, South Africa  
 Project duration & year: 2003  
 Client: Namakwa Sands  
 Name of Project: Namakwa Sands  
 Project Description: Closure plan  
 Job Title and Duties: Project manager  
 Value of Project: R 170 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental management programmes and plans

Location: Namakwaland, Northern Cape, South Africa  
 Project duration & year: 2003  
 Client: Namakwa Sands  
 Name of Project: Namakwa Sands  
 Project Description: Closure plan  
 Job Title and Duties: Project manager  
 Value of Project: R 170 000

Location: Vredendal district, Western Cape, South Africa  
 Project duration & year: 2001 – 2003  
 Client: NDC  
 Name of Project: NDC diamond mining  
 Project Description: Environmental management programme report  
 Job Title and Duties: Project director  
 Value of Project: R 800 000

Location: Cape Town, Western Cape, South Africa  
 Project duration & year: 2000  
 Client: NGK  
 Name of Project: NGK Kiln, Airport industria  
 Project Description: Environmental management plan  
 Job Title and Duties: Project manager  
 Value of Project: R 20 000

Location: Klein Slangkop, Kommetjie, Western Cape Province, South Africa  
 Project duration & year: 1999 – 2000  
 Client: Private client  
 Name of Project: Klein Slangkop EMP  
 Project Description: Environmental management plan and homeowners EMP  
 Job Title and Duties: Project manager  
 Value of Project: R 50 000

Location: Western Cape, South Africa  
 Project duration & year: 1998  
 Client: Capricorn  
 Name of Project: Capricorn Technology and Industrial Park  
 Project Description: Environmental management plan  
 Job Title and Duties: Project manager  
 Value of Project: R 50 000

Location: Saldanha, Western Cape, South Africa  
 Project duration & year: 1997  
 Client: Duferco  
 Name of Project: DSP steel rolling mini-mill  
 Project Description: Environmental management plan  
 Job Title and Duties: Project manager  
 Value of Project: R 50 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental management systems

Location: Port Elizabeth, Eastern Cape South Africa  
 Project duration & year: 2003  
 Client: Nelson Mandela Metropolitan Municipality  
 Name of Project: Nelson Mandela Metropolitan Municipality EMS  
 Project Description: Sustainable development framework and environmental management system  
 Job Title and Duties: Team member  
 Value of Project: R 1 million

Location: Cato Ridge, KwaZulu-Natal, South Africa  
 Project duration & year: 2002 – 2003  
 Client: Ferro Alloys  
 Name of Project: FerroAlloys (ISO 14001)  
 Project Description: Environmental management system  
 Job Title and Duties: Project director  
 Value of Project: R 300 000

Location: Cape Town, Western Cape, South Africa  
 Project duration & year: 1999 – 2000  
 Client: NGK  
 Name of Project: NGK Kiln, Airport Industria  
 Project Description: Environmental management system  
 Job Title and Duties: Project manager  
 Value of Project: R 180 000

### Key Experience: Environmental audits

Location: Cape Town, Western Cape Province, South Africa  
 Project duration & year: 2012  
 Client: Biovac  
 Name of Project: Pharmaceutical Plant, Pinelands  
 Project Description: Environmental due diligence audit  
 Job Title and Duties: Lead auditor  
 Value of Project: ZAR 100 000

Location: Cape Town, Western Cape Province, South Africa  
 Project duration & year: 2004  
 Client: Confidential  
 Name of Project: Confidential Pharmaceutical Plant, Epping Industria  
 Project Description: Environmental due diligence audit  
 Job Title and Duties: Lead auditor  
 Value of Project: ZAR 80 000

Location: Luanda, Angola  
 Project duration & year: 2002 – 2004  
 Client: BP  
 Name of Project: BP Waste Audits  
 Project Description: Subcontractor waste management audits  
 Job Title and Duties: Project director  
 Value of Project: USD 20 000 p.a.

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Environmental audits

Location: Western Cape, South Africa  
 Project duration & year: 2002  
 Client: City of Cape Town  
 Name of Project: Water Treatment Works Audits  
 Project Description: Water treatment works audits  
 Job Title and Duties: Auditor  
 Value of Project: R 140 000

Location: Saldanha Bay, Western Cape, South Africa  
 Project duration & year: 2001  
 Client: Dufero Steel Products  
 Name of Project: Compliance Audit  
 Project Description: Compliance audit  
 Job Title and Duties: Auditor  
 Value of Project: R 30 000

Location: Cape Town, Western Cape, South Africa  
 Project duration & year: 2000  
 Client: NGK  
 Name of Project: NGK Ceramics facility environmental management, Airport Industria  
 Project Description: Compliance audit  
 Job Title and Duties: Lead auditor  
 Value of Project: R 15 000

Location: Western Cape Province, South Africa  
 Project duration & year: 1999  
 Client: Saldanha Steel  
 Name of Project: Saldanha Steel environmental management plan  
 Project Description: Compliance audit  
 Job Title and Duties: Auditor  
 Value of Project: R 35 000

### Key Experience: Socio economic impact assessments

Location: Lutzville, Western Cape, South Africa  
 Project duration & year: 2021  
 Client: Mineral Sand Resources  
 Name of Project: Tormin Mine Socio-Economic Benefits Assessment  
 Project Description: SEIA for Tormin Mine  
 Job Title and Duties: Project Director  
 Value of Project: R 165 000

Location: Western Cape, South Africa  
 Project duration & year: 2020 – Ongoing  
 Client: Department of Environmental Affairs and Development Planning (DEA&DP)  
 Name of Project: Papekuils Wetland Valuation  
 Project Description: Ecosystem Services Assessment and Valuation of Papekuils Wetland, including hydrological and wetland ecology studies  
 Job Title and Duties: Project Director  
 Value of Project: R 500 000



# Chris Dalgliesh

## Principal Consultant

### Key Experience: Socio economic impact assessments

Location: Somerset West, Western Cape  
 Project duration/date: 2020  
 Client: Departments of Public Works and Basic Education (via Nature Works)  
 Name of Project: Helderberg School and Hospital  
 Project Description: Socio-economic impact assessment for district hospital and public school  
 Job Title and Duties: Economic Reviewer  
 Value of Project: R80 000

Location: Iraq  
 Project duration & year: 2020 - Ongoing  
 Client: RSK  
 Name of Project: Basra Master Plan  
 Project Description: Drafting of town master plans for sections of Basra, Zubair and Nashwa  
 Job Title and Duties: Modelling of economic and population dynamics to inform master plans  
 Value of Project: USD 15 000

Location: Western Cape, South Africa  
 Project duration & year: 2020 – Ongoing  
 Client: Aecom  
 Name of Project: Social Impact Assessment of Kayamandi Bulk Water Pipeline  
 Project Description: SIA for a bulk water pipeline through an informal settlement, Stellenbosch Municipality  
 Job Title and Duties: Reviewer  
 Value of Project: R 80 000

Location: Zanzibar, Tanzania  
 Project duration/date: 2017 – 2018  
 Client: Pennyroyal (Gibraltar) Ltd.  
 Name of Project: Confidential Resort Development  
 Project Description: Socio-economic Benefits Study  
 Job Title and Duties: Economic Reviewer  
 Value of Project: R 220 000

Location: Matzikama Municipality, Western Cape, South Africa  
 Project duration/date: 2017  
 Client: Tronox Mineral Sands  
 Name of Project: Socio-Economic Impact Assessment  
 Project Description: Socio-Economic Impact Assessment of Mining and Associated Operations  
 Job Title and Duties: Economic Specialist Review  
 Value of Project: R 120 000

Location: Republic of Congo  
 Project duration & year: 2012  
 Client: SRK UK  
 Name of Project: Sintoukola Potash Mine  
 Project Description: Economic impact assessment of potash mine north of Pointe Noire  
 Job Title and Duties: Project director  
 Value of Project: USD 30 000

# Chris Dalgliesh

## Principal Consultant

### Key Experience: Socio economic impact assessments

Location: Suriname  
 Project duration & year: 2011 – Ongoing  
 Client: Staatsolie Maatschappij Suriname  
 Name of Project: Staatsolie Pipeline Community Relations Plan  
 Project Description: Engagement plan for refinery expansion project  
 Job Title and Duties: Project manager  
 Value of Project: US \$ 120 000

Location: Balochistan, Pakistan  
 Project duration & year: 2010  
 Client: SRK UK  
 Name of Project: Reko Diq Phosphate Mine  
 Project Description: Review of Economic Impact Assessment  
 Job Title and Duties: Reviewer  
 Value of Project: USD 7 500

Location: Western Cape, South Africa  
 Project duration & year: 2004  
 Client: DEADP  
 Name of Project: Western Cape State of the Environment Report  
 Project Description: Economic overview  
 Job Title and Duties: Specialist consultant  
 Value of Project: R 40 000

Location: Durbanville, Cape Town, Western Cape, South Africa  
 Project duration & year: 2003  
 Client: Withers Environmental Consultants  
 Name of Project: Fisantekraal waste water treatment works  
 Project Description: Socio economic assessment  
 Job Title and Duties: Specialist consultant  
 Value of Project: R 30 000

Location: Eastern Cape, South Africa  
 Project duration & year: 2002  
 Client: St Francis Bay Municipality  
 Name of Project: St Francis Bay beach remediation  
 Project Description: Socio economic assessment  
 Job Title and Duties: Specialist consultant  
 Value of Project: R 25 000

**Address:** Herlear, Kimberley, Northern Cape Province, South Africa

**Email:** atshidzaho@gmail.com

**Mobile:** +27 (0) 82 760 8420

**Citizen :** Republic of South Africa

## PERSONAL DETAILS

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Names	: Ndivhudzannyi
Surname	: Mofokeng
ID Number	: 8406210420080
Nationality :	: South African
Gender :	: Female
Marital Status :	: Married
Drivers License	: Code 10
Home Language :	: Tshivenda
Other Languages	: English and Setswana

## CAREER SUMMARY

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Ndivhudzannyi graduated with an Honours degree in Earth Science, majoring in Mining and Environmental Geology. She is a self-motivated and hardworking Geologist with 13 years of experience in environmental, mining exploration, open cast work and consulting in the mining industry. She has proven leadership skills from supervising exploration rigs (Reverse Circulation and Percussion Drilling). Proven field experience in exploration, i.e. mapping, borehole logging, borehole sampling, sample preparation for laboratory analysis, supervisory duties in the field. Her responsibilities involve but are not limited to managing all Environmental matters: Environmental Impact Assessment and Environmental Management Programme, Environmental Authorizations, Environmental Auditing & Risk Assessment, Mine Closure & Rehabilitation, and conducting & reviewing Environmental specialists' studies. Ndivhudza also has experience in writing geological reports, including Prospecting Work Programmes and Mining Work Programmes Environmental Management Plans, handling Department of Mineral Resources and Energy documents in general like the submission of Mining & Prospecting Right Applications and Renewals.

## KEY PROFESSIONAL ASSOCIATIONS AND QUALIFICATIONS

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**1. Member of the Geological Society of South Africa (GSSA)**

Membership No: 969222

**2. Member of the Environmental Assessment Practitioners Association of South Africa (EAPASA)**

Membership No: 2020/1554

## EDUCATION AND QUALIFICATIONS

1. Bachelor Of Science In Mining And Environmental Geology (BESMEG)  
**University of Venda, South Africa**  
2009
2. Currently studying LLB registering with University of South Africa (UNISA).

## EMPLOYMENT HISTORY

<b>January 2018 – to date</b>	<b>Environmental Assessment Practitioner</b> NDI Geological Consulting Services (Pty) Ltd
<b>May 2014 – December 2017</b>	<b>Environmental Consultant</b> Ndi Geological Consulting Services-Sole Proprietary
<b>February 2013 – April 2014</b>	<b>Environmental Consultant</b> Centre for Advanced Satellite and Mineral Exploration Geoscientific Mineral Resources Consulting
<b>February 2012 – December 2012</b>	<b>Environmental Consultant</b> Pikwane Diamonds Mining Company
<b>January 2010 – October 2011</b>	<b>Environmental Consultant</b> Geo-Rock International (Pty) Ltd
<b>January 2007 – January 2009</b>	<b>Exploration Geologist</b> Rockwell diamonds Mining Company

## PROFESSIONAL COURSES ATTENDED

<b>Year</b>	<b>Course Attended</b>	<b>Course Offered By</b>
29 - 30 June 2021	8th Annual Social and Labour Plan Conference	Intelligence Transfer Centre
04th - 05th March 2021	Environmental Law and Compliance	Business Success Solutions Pty Ltd
22-23 August 2012	4th Annual Mineral Resources Compliance & Reporting Conference	Department of Mineral and Resources
June - September 2010	Microsoft office and excel Training	Georock International
2008	Mentoring course	Macvlei Company
24 - 24 August 2007	Annual diamond and kimberlite symposium Kimberley, South Africa	Geological Society of South Africa Directorate of Professional Programmes' (DPP)

## REFEREES

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Available on request in respect of Protection of Personal Information Act (POPI Act).

# University of Venda



This is to Certify that the Degree of  
**Bachelor of Earth Sciences in  
Mining and Environmental Geology**  
was Awarded to  
MUDAU NDIVHUDZANNYI  
at a Ceremony held on the  
19-SEP-2008  
in Accordance with the Provisions of the  
Act and Statute

  
Vice Chancellor



  
University Registrar

  
Dean