

## CURRICULUM VITAE OF SHARON LEE MEYER

<b>Profession:</b>	Environmental Assessment Practitioner
<b>Specialisation:</b>	Environmental Impact Assessment, Waste Management Licensing, Integrated Environmental Authorisation Processes.
<b>Work Experience:</b>	17 years

### VOCATIONAL EXPERIENCE

Ms Meyer is a Principal Environmental Assessment Practitioner with 17 years of consulting experience. She has worked on a variety of projects throughout South Africa, focusing on coal and diamond mining as well as industrial waste management and power generation projects of national importance. Ms Meyer's work experience ranges from very small urban development projects, to large projects with multi-national team input. Sharon has managed several multi-disciplinary teams on complex projects of strategic significance for South Africa. Ms Meyer works closely with the client and the authorities to identify practical and sustainable solutions to business challenges.

### SKILLS BASE AND CORE COMPETENCIES

- Technical Report Writing
- Technical Review
- Resource Management and Allocation
- Impact Assessment
- Environmental Management and Mitigation
- Project Management
- Strategic Assessment
- Management and Integration of Multi-disciplinary Teams
- Presentation and Facilitation Skills
- Stakeholder Engagement
- Compliance Auditing

### EDUCATION AND PROFESSIONAL STATUS

#### Degrees:

- MSc Zoology and Environmental Education (University of Witwatersrand) 2007
- BSc Honours Environmental Management (University of Witwatersrand) 2000
- BSc Zoology and Geography (University of Witwatersrand) 1999

### Short Courses:

- Asbestos Regulations Course (LexisNexis) 2017
- Motivate your team for Success (BOTI) 2016
- Public Participation in Environmental Authorisation (Tisha Greyling) 2015
- Presentation Skills (One Clear Message) 2014
- Wetlands Delineation Course (Maccauvlei Learning Academy) 2009
- Grass Identification Course (Frits van Oudtshoorn) 2007
- Project Management (Rand Afrikaans University) 2004
- Advanced Driving Course (MasterDrive) 2003
- Assertiveness Skills and Effective Presenting (The South African Finishing School of Business) 2002

### Professional Society Affiliations:

- South African Council for Natural Scientific Professionals SACNASP (*Pr. Sci. Nat.*), Reg No. 400293/05
- International Association for Impact Assessment

## EMPLOYMENT

Date	Company	Roles and Responsibilities
<b>November 2017 - Current</b>	Savannah Environmental (Pty) Ltd	Principal Environmental Consultant <i>Tasks include: Technical Report Writing; Impact Assessment; Project Management; Technical Review; Auditing and Monitoring; Client Liaison; Stakeholder Engagement; Management and Co-ordination of Multi-Disciplinary Teams.</i>
<b>September 2013 – October 2017</b>	Zitholele Consulting (Pty) Ltd	Divisional Lead and Senior Environmental Scientist <i>Tasks Included: Resource Allocation and Management; Project Management; Marketing; Technical Review; Technical Report Writing; Impact Assessment; Client Liaison; Stakeholder Engagement; Management and Co-ordination of Multi-Disciplinary Teams.</i>
<b>September 2009 – August 2013</b>	Envirokey Management Services cc	Director and Senior Environmental Scientist <i>Tasks included: Resource Allocation and Management; Project Management; Client Liaison; Marketing; Technical Review; Impact Assessment; Project Management; Technical Report Writing; Stakeholder Engagement.</i>
<b>July 2007 – August 2009</b>	Holgate, Meyer and Associates cc	Partner and Senior Environmental Scientist <i>Tasks Included: Resource Allocation and Management; Project Management; Impact Assessment; Marketing; Technical Review;</i>

Date	Company	Roles and Responsibilities
		<i>Client Liaison; Technical Report Writing; Stakeholder Engagement.</i>
<b>May 2005 – June 2007</b>	Cymbian Environmental Services (Pty) Ltd	Environmental Consultant <i>Tasks included: Technical Report Writing; Impact Assessment; Project Management; Stakeholder Engagement; Client Liaison.</i>
<b>May 2003 – April 2005</b>	Oryx Environmental Consulting cc	Junior Environmental Consultant <i>Tasks included: Technical Report Writing; Impact Assessment; Environmental Management Planning; Biodiversity Action Plans; Strategic Environmental Management Plans.</i>
<b>January 2001 – April 2003</b>	Eskom Enterprises - TSI	Environmental Officer <i>Tasks Included: Environmental Management Plans; Animal Interaction Investigations; Waste Management Committee; Impact Assessment and Technical Writing.</i>

## PROJECT EXPERIENCE

### Strategic Projects

Project Name & Location	Client Name	Role
<i>First National State of Waste Report</i>	<i>Department of Environmental Affairs</i>	<i>Project Manager and EAP</i>
<i>Waste Guideline Document for the National Foundry Technology Network</i>	<i>National Foundry Technology Network</i>	<i>Project Manager and EAP</i>
<i>Integrated Waste Management Plan for Emfuleni Local Municipality</i>	<i>Emfuleni Local Municipality</i>	<i>Project Manager and EAP</i>
<i>Sani Pass Border Region Tourism Plan</i>	<i>Ezemvelo KZN Wildlife</i>	<i>EAP</i>

### Conventional Power Generation Projects (Coal)

#### **Environmental Impact Assessments and Environmental Management Programmes**

Project Name & Location	Client Name	Role
<i>Thabametsi Power Station EA amendment – Lephalale, Limpopo</i>	<i>Thabametsi Power Company PTY Ltd</i>	<i>Project Manager and EAP</i>
<i>Medupi Power Station Flue Gas Desulphurisation Retrofit Integrated EIA – Lephalale, Limpopo</i>	<i>Eskom Holdings SOC</i>	<i>Project Manager and EAP</i>
<i>Kendal Power Station Continuous Ash Disposal Facility Integrated EIA – Oogies, Mpumalanga</i>	<i>Eskom Holdings SOC</i>	<i>Project Manager and EAP</i>
<i>Camden Power Station Ash Disposal Facility Expansion Project Integrated EIA – Ermelo, Mpumalanga</i>	<i>Eskom Holdings SOC</i>	<i>Project Manager and EAP</i>
<i>Kusile Power Station 60 year Ash Disposal Facility Integrated EIA Process – Oogies, Mpumalanga</i>	<i>Eskom Holdings SOC</i>	<i>Project Reviewer</i>

Working Group for ash beneficiation research, with focus on mine backfilling and AMD treatment – Rosherville, Gauteng	Eskom Enterprises	EAP
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### **Basic Assessments**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Basic Assessment for the proposed solar installation at Grootvlei Power Station	Eskom Holdings SOC	Project Manager and EAP

### **Environmental Permitting & WUL Applications**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Ndumo Gezisa 132kV power line Basic Assessment - Pongola, KwaZulu Natal	Eskom Holdings SOC	Project Manager and EAP

### **Strategic Applications**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Working Group for ash beneficiation research, with focus on mine backfilling and AMD treatment – Rosherville, Gauteng	Eskom Enterprises	EAP
Application for exemption of coal-fired pulverised boiler ash for four specific beneficiation uses – Rosherville, Gauteng	Eskom Enterprises	Project Manager and EAP

### **Alternative Power Generation Projects**

#### **Environmental Impact Assessment Processes and EMPs**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Richards Bay Combined Cycle Power Plant in the Richards Bay Industrial Development Zone, Kwazulu Natal.	Eskom Holdings SOC	Project Manager

#### **Basic Assessment Processes**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Kruisvallei Hydroelectric Generation Scheme on the Ash River, Free State	Zebobuzz Pty Ltd	Project Manager

### **Grid Infrastructure Projects**

#### **Basic Assessments**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Zonnebloem 132kV deviation and switching station, Middleburg, Mpumalanga	Eskom Holdings SOC	Project Manager
Ndumo Gezisa 132kV power line Basic Assessment - Pongola, KwaZulu Natal	Eskom Holdings SOC	Project Manager and EAP
Pongola Candover Golela 132kV power line Basic Assessment – Ndumo, KwaZulu Natal	Eskom Holdings SOC	Project Manager and EAP

Palm Ridge 88kV and Sub-station authorisation process	Eskom Holdings SOC	Project Manager
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### **Sustainability and Biocontrol Studies**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Animal behaviour research into the interaction of woodpecker species with Eskom wooden distribution and transmission poles in hotspots such as Escourt, Pongola, Kirkwood and Marble Hall	Eskom Enterprises	Environmental Officer and Project Manager
Animal behaviour research to investigate mitigation options for crow nest interference on large Eskom towers – Midlands, KZN	Eskom enterprises	Environmental Officer and Project Manager
Biological control research studying the success of Lanner Falcons released in urban areas to manage feral pigeon populations – Sunninghill, Gauteng	Eskom Enterprises	Environmental Officer and Project Manager
Sustainable development and animal behaviour research into the interaction of Sociable Weavers with Eskom Distribution Lines – Groblershoop, Northern Cape	Eskom Enterprises	Environmental Officer and Project Manager

### **Compliance Advice and ESAP reporting**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Investigating waste management software for the purpose of waste reporting throughout Eskom business units – Sunninghill, Gauteng	Eskom Enterprises	Environmental Officer and Project Manager

### **Mining Sector Projects**

#### **Environmental Impact Assessments and Environmental Management Programmes**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Koffiefontein Diamond Mine Slimes Dam Development EIA – Koffiefontein, Free State	Petra Diamonds	Project Manager and EAP
EIA Application for relocation of local communities for the Klippan Mine – Emalahleni, Mpumalanga	Umcebo Mining	Project Reviewer
Integrated Environmental Authorisation Process for the Zimalco Foundry – Benoni, Gauteng	Zimalco Foundry	Project Reviewer
Integrated Environmental Authorisation Process for Prima Foundry – Benoni, Gauteng	Prima Industrial Holdings	Project Reviewer
Integrated EIA for Cullinan Diamond Mine Dam 7 rehabilitation – Cullinan Gauteng	De Beers Mining (Pty) Ltd	Project Assistant
Scoping Report and Environmental Management Programme Report for the Venetia Mine Venus Project – Messina, Limpopo	De Beers Mining (Pty) Ltd	Project Assistant
EMPr amendment for Kleinkopje Colliery to include the Emalahleni Water Reclamation Project – Emalahleni, Mpumalanga	Anglo Coal	EAP

EMPr amendment for Landau Colliery to include the Emalahleni Water Reclamation Project - Emalahleni, Mpumalanga	Golder Associates	EAP
EMPr update for the Cullinan Diamond Mine to include future mining operations – Cullinan, Gauteng	De Beers Diamond Mining	EAP
EMPr amendment for the Kleinkopje Colliery to include the change in the Anglo Coal mining operations relating to the No. 4 coal seam – Emalahleni, Mpumalanga	Anglo Coal	EAP
EMPr amendment for the Landau Colliery to include the change in the Anglo Coal mining operations relating to the No. 4 coal seam – Emalahleni, Mpumalanga	Anglo Coal	EAP
EMPr amendment for Vametco Vanadium mine for additional operations – Britz, North West	Vametco Mine	EAP
EMPr amendment for Anglo Coal prospecting activities I Elders wetland – Kriel, Mpumalanga	Anglo Coal	EAP
EMPr update for Greenside Colliery to include the mining operations for the No. 4 coal seam – Emalahleni, Mpumalanga	Golder Associates	EAP
EMPr addendum for the Grootvlei Gold Mine West Pit Operation – Springs, Gauteng	Grootvlei Proprietary Mines Ltd	EAP
SEMPPr for borrow pits for the road diversion at Kriel South Coal Mine – Kriel, Mpumalanga	Anglo Coal	EAP

### Screening Studies

Project Name & Location	Client Name	Role
Evander Mega Tailings Facility Site Selection and Pre-Feasibility – Evander, Mpumalanga	Harmony Gold Mine	EAP
Plan of Study for Scoping and Scoping Report for the No. 17 Shaft Development at Impala Platinum – Rustenberg, North West	Golder Associates	EAP

### Environmental Compliance, Auditing and ECO

Project Name & Location	Client Name	Role
Weekly ECO Janho Quarry – Lanseria, Gauteng	Renico Construction	Project Reviewer
Audit of the Kriel Dragline Walkway from Syferfontein Colliery to Kriel Colliery – Emalahleni, Mpumalanga	Anglo Coal	EAP

### Compliance Advice and ESAP reporting

Project Name & Location	Client Name	Role
Environmental Risk Assessment for Mponeng Mine for the Refrigeration Expansion for the VCR Below 120 Level – Carltonville, Gauteng	AngloGold Ashanti	EAP
Biodiversity Action Plan for eight operational collieries – Mpumalanga	Anglo Coal	EAP

## Stakeholder Engagement

Project Name & Location	Client Name	Role
McHardyspruit Diversion Basic Assessment Stakeholder Engagement – Cullinan, Gauteng	De Beers Diamond Mining	EAP

## Infrastructure Development Projects

### Basic Assessments

Project Name & Location	Client Name	Role
Rheboksfontein Section 24G Process, Western Cape	Theo Basson	Project Manager and EAP
GfE-MIR Alloys and Minerals Section 24G process, Brakpan, Gauteng	GfE-MIR Alloys and Minerals	Project Manager
Steloy 24G application for disposal of solid waste to land, Bronkhorstspuit, Gauteng	Steloy Castings	Project Reviewer
Basic Assessment for the sewage pipeline from Wilge Village to Phola Waste Water Treatment Plant – Wilge, Mpumalanga	Eskom Holdings SOC	Project Reviewer

### Environmental Compliance, Auditing and ECO

Project Name & Location	Client Name	Role
Monthly ECO for Rapid Factory Renovators Foundry Sand Recycling – Benoni, Gauteng	Rapid Factory Renovators	Project Reviewer
Rapid Factory Renovators Environmental Management System implementation for ISO accreditation – Benoni, Gauteng	Rapid Factory Renovators	Project Reviewer

### Compliance Advice and ESAP reporting

Project Name & Location	Client Name	Role
Guideline document for the National Foundry Technology Network – National	National Foundry Technology Network and DTI	Project Manager and EAP
Sani Pass Border Region Tourism Plan for the upgrade of the Road – Sani Pass, Gauteng	Ezemvelo KZN Wildlife	Project Assistant
Tourism Plan for the Proposed Security Gate as Skukuza – Nelspruit, Mpumalanga	Kruger National Park	EAP

### Environmental Permitting & WUL Applications

Project Name & Location	Client Name	Role
Waste Management License Application for KEW Foundries – Kimberley, Northern Cape	Kimberley Engineering Works	Project Manager and EAP
Integrated Waste Management Plan for the Emfuleni Municipality – Van der Bijl Park, Gauteng	Emfuleni Local Municipality	Project Manager and EAP
Waste Management License for Monterey Sands Foundry – Benoni, Gauteng	Monterey Sands Foundry	Project Manager and EAP
Waste Management License Olifantsfontein Landfill Site – Midrand, Gauteng	Petite Business (Pty) Ltd	Project Reviewer
Waste Management Licensing Process for the Zimalco Foundry – Benoni, Gauteng	Zimalco Foundry	Project Reviewer



Waste Management Licensing Process for Prima Foundry – Benoni, Gauteng	Prima Industrial Holdings	Project Reviewer
Waste Management License for Rapid Factory Renovators Foundry Sand Recyclers – Benoni, Gauteng	Rapid Factory Renovators	Project Reviewer
Water Use License for the sewage pipeline from Wilge Village to the Phola Wastewater Treatment Plant – Wilge, Mpumalanga	Eskom Holdings	Project Reviewer

## **Housing and Urban Projects**

### **Environmental Impact Assessments and Environmental Management Programmes**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Environmental Impact Assessment for the Proposed Erand 172/173 Housing Development – Midrand, Gauteng	Hewlett Development	Project Reviewer
Environmental Impact Assessment for the Sasol Mafuta Township establishment in conjunction with the Sasol Mafutha CtL Project – Steenbokpan, Limpopo	Sasol	Project Manager and EAP
EIA for the proposed Geduld Township Development – Springs, Gauteng	Renico Developers	Project Reviewer

### **Basic Assessments**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Ranjiespark Industrial Development Environmental Authorisation Process – Midrand, Gauteng	Johnson & Johnson	Project Manager and EAP
Princess AH Residential Development of Affordable Housing – Roodepoort, Gauteng	Renico Construction	Project Reviewer

### **Compliance Advice and ESAP reporting**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Rhenosterspruit Conservation Reserve Environmental Conservation Plan – Cradle of Humankind, Gauteng	Rhenosterspruit Conservation Reserve	Project Manager and EAP
Environmental Conservation Plan for the Pala Meetse Eco-Reserve – Modimolle, Limpopo	Brandbild	Project Manager and EAP
Cradle Development Implementation and Conservation Plan – Cradle of Humankind, Gauteng	Teak Place Development	EAP



## CURRICULUM VITAE OF THALITA BOTHA

<b>Profession:</b>	Environmental Assessment Practitioner (EAP)
<b>Specialisation:</b>	Environmental Assessments, Report writing, report reviewing, Geographical Information Systems (GIS), development of project proposals for procuring new projects, project administration
<b>Work Experience:</b>	2 and a half years' experience in Environmental Assessments and GIS

### VOCATIONAL EXPERIENCE

Professional execution of consulting services for projects in the environmental management field, specialising in Environmental Impact Assessment studies, environmental permitting, public participation, compilation of Environmental Management Plans and Programmes, environmental policy, and integrated environmental management. Responsibilities include report writing, analysis and the manipulation of geographical and technical experience with the use of ArcGIS, project management, review of specialist studies and the identification and assessment of potential negative environmental impacts and benefits. Compilation of the reports for environmental studies is in accordance with all relevant environmental legislation.

Experience in conducting environmental impact assessments for Concentrated Solar Power (CSP) Projects, Wind Energy Projects and grid infrastructure projects as well as infrastructure projects. Recent projects have been undertaken for both the public- and private-sector, including electricity generation and transmission projects (wind and solar), linear developments (such local roads and power lines), as well as general environmental planning, development and management. The completion of a diverse set of environmental management studies has resulted in a good working knowledge of environmental legislation and policy requirements.

### SKILLS BASE AND CORE COMPETENCIES

- Compilation of environmental impact assessment reports and environmental management programmes in accordance with relevant environmental legislative requirements;
- Analysis and manipulation of geographical information and data and technical experience with the use of ArcGIS;
- Identification and assessment of potential negative environmental impacts and benefits through the review of specialist studies;
- Public participation/involvement and stakeholder consultation;

- Identification of practical and achievable mitigation measures and the compilation of appropriate management plans; and
- Key experience in the assessment of impacts associated with renewable energy and large infrastructure projects.

## EDUCATION AND PROFESSIONAL STATUS

### Degrees:

- B.Sc. (Hons.) Environmental Management (2014), North-West University, Potchefstroom
- B.Sc. Environmental- and Biological Science (2013), North-West University, Potchefstroom

### Courses:

- Integrated Water Resources Management, the National Water Act and Water Use Authorisations (2017), Carin Bosman Sustainable Solutions

## EMPLOYMENT

Date	Company	Roles and Responsibilities
September 2015 - Current	Savannah Environmental (Pty) Ltd	<p>Environmental Assessment Practitioner</p> <p><i>Tasks include: Compilation of Environmental Impact Assessment (EIA) reports; Basic Assessment (BA) reports and Environmental Management Programmes; Environmental Screening reports; Co-ordination of the public participation process; Project management; project proposals and tenders; Client liaison and Marketing; Process EIA Applications.</i></p> <p>GIS (utilising ArcGIS),</p> <p><i>Tasks include: Analysis and manipulation of data, screening assessments; compilation of maps.</i></p>

## PROJECT EXPERIENCE

### Renewable Power Generation Projects: Solar Energy Facilities

#### Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client Name	Role
Thaba Eco Hotel SEF, Gauteng	Camco Clean Energy	EAP

## Screening Studies

Project Name & Location	Client Name	Role
Pre-feasibility desktop screening and fatal flaw analysis for a solar PV project near Hotazel, Northern Cape Province	ABO Wind	EAP

## Geographical Information Systems (GIS)

Project Name & Location	Client Name	Role
Sol Invictus PV 1, Aggeneys, Northern Cape	Cyraclox	GIS
Sol Invictus PV 2, Aggeneys, Northern Cape	Cyracraft	GIS
Sol Invictus PV 3, Aggeneys, Northern Cape	Cyrafusion	GIS
Sol Invictus PV 4, Aggeneys, Northern Cape	Cyralex	GIS
Pre-feasibility desktop screening and fatal flaw analysis for a solar PV project near Hotazel, Northern Cape Province	ABO Wind	GIS

## Renewable power generation projects: Wind Energy Facilities

### Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client Name	Role
Hartebeest WEF, Moorreesburg, Western Cape	Hartebeest Wind Farm	EAP

### Environmental Permitting & WUL Applications

Project Name & Location	Client Name	Role
Karusa WEF WUL Application, Northern Cape	ACED	EAP
Soetwater WEF WUL Application, Northern Cape	ACED	EAP

## Geographical Information Systems (GIS)

Project Name & Location	Client Name	Role
Hartebeest WEF, Moorreesburg, Western Cape	Hartebeest Wind Farm	GIS
Karusa WEF WUL Application, Northern Cape	ACED	GIS
Soetwater WEF WUL Application, Northern Cape	ACED	GIS

## Renewable Power Generation Projects: Concentrated Solar Facilities (CSP)

### Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client Name	Role
Ilanga CSP 9, Northern Cape	Emvelo Holdings	EAP
Noupoort CSP, Northern Cape	CRESCO Energy	EAP

## Geographical Information Systems (GIS)

Project Name & Location	Client Name	Role
Noupoort CSP, Northern Cape	CRESCO Energy	GIS

## Renewable Power Generation Projects: Hydroelectrical Power Generation Facilities

### Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client Name	Role
<i>Kruisvallei Hydroelectric Power Generation Scheme</i>	<i>Zevobuzz</i>	<i>EAP</i>

### Geographical Information Systems (GIS)

Project Name & Location	Client Name	Role
<i>Kruisvallei Hydroelectric Power Generation Scheme</i>	<i>Zevobuzz</i>	<i>GIS</i>

### Environmental Permitting & WUL Applications

Project Name & Location	Client Name	Role
<i>WULA for the Kruisvallei Hydroelectric Power Generation Scheme</i>	<i>Zevobuzz</i>	<i>EAP</i>

## Steam Generation Projects:

### Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client Name	Role
<i>Clayville Thermal Plant, Gauteng</i>	<i>Bellmall Energy</i>	<i>EAP</i>

### Screening Studies

Project Name & Location	Client Name	Role
<i>Fatal flaw analysis for the Clayville Thermal Plant, Gauteng</i>	<i>Bellmall Energy</i>	<i>EAP</i>

### Geographical Information Systems (GIS)

Project Name & Location	Client Name	Role
<i>Clayville Thermal Plant, Gauteng</i>	<i>Bellmall Energy</i>	<i>GIS</i>

## Grid Infrastructure Projects

### Basic Assessments

Project Name & Location	Client Name	Role
<i>Gunstfontein Switching Station and Power Line, Northern Cape</i>	<i>ACED</i>	<i>EAP</i>
<i>Zonnebloem Switching Station and Power Lines, Mpumalanga</i>	<i>Eskom SOC Ltd</i>	<i>EAP</i>

### Geographical Information Systems (GIS)

Project Name & Location	Client Name	Role
<i>Zonnebloem Switching Station and Power Lines, Mpumalanga</i>	<i>Eskom SOC Ltd</i>	<i>GIS</i>

## Mining Sector Projects

### **Environmental Permitting & WUL Applications**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
<i>S53 for Steynsrus PV 1, Western Cape</i>	<i>Cronimet Power Solutions</i>	<i>EAP</i>
<i>S53 for Steynsrus PV 2, Western Cape</i>	<i>Cronimet Power Solutions</i>	<i>EAP</i>
<i>S53 for Heuningspruit PV 1, Western Cape</i>	<i>Cronimet Power Solutions</i>	<i>EAP</i>

### **Geographical Information Systems (GIS)**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
<i>S53 for Steynsrus PV 1, Western Cape</i>	<i>Cronimet Power Solutions</i>	<i>GIS</i>
<i>S53 for Steynsrus PV 2, Western Cape</i>	<i>Cronimet Power Solutions</i>	<i>GIS</i>
<i>S53 for Heuningspruit PV 1, Western Cape</i>	<i>Cronimet Power Solutions</i>	<i>GIS</i>

## Infrastructure Development Projects (bridges, pipelines, roads, etc)

### **Basic Assessments**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
<i>MN73 Road Realignment, Northern Cape</i>	<i>Northern Cape Department of Roads and Public Works</i>	<i>EAP</i>
<i>S24G for the unlawful commencement of activities within a watercourse, Honeydew, Gauteng</i>	<i>Soror Language Services cc</i>	<i>EAP</i>
<i>Access Roads and Watercourse Crossings for the Iziduli Emoyeni Wind Energy Facility</i>	<i>Emoynei Wind Farm Renewable Energy</i>	<i>EAP</i>

### **Geographical Information Systems (GIS)**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
<i>MN73 Road Realignment, Northern Cape</i>	<i>Northern Cape Department of Roads and Public Works</i>	<i>GIS</i>
<i>S24G for the unlawful commencement of activities within a watercourse, Honeydew, Gauteng</i>	<i>Soror Language Services cc</i>	<i>GIS</i>
<i>Access Roads and Watercourse Crossings for the Iziduli Emoyeni Wind Energy Facility</i>	<i>Emoynei Wind Farm Renewable Energy</i>	<i>GIS</i>

## CURRICULUM VITAE OF GABRIELE STEIN

(Comprehensive)

<b>Profession :</b>	Public Participation and Social Consultant
<b>Specialisation:</b>	Public participation; stakeholder engagement and management; environmental impact assessment (social processes); social research (qualitative & quantitative); social assessments (stakeholder analysis and social impact assessment); facilitation (workshops, focus groups; public hearings, public open days, committees); environmental and social policy; monitoring and evaluation; community needs assessments
<b>Work Experience:</b>	10 years' experience as a Public Participation and Social Consultant

### VOCATIONAL EXPERIENCE

Professional execution of public participation, stakeholder engagement, stakeholder management and social assessment consulting and advisory services for projects in the environmental assessment and management context. Consulting and advisory services are provided to both public and private sector clients, including national and provincial government departments, international development agencies and funding institutions involved in infrastructure development in South Africa. Key focus is on the design and implementation of public participation programmes required for Environmental Impact Assessments undertaken for large infrastructure projects, including electricity generation projects (wind, solar, gas and coal) and linear developments (roads and power lines). Experienced in implementing public participation programmes with a variety of stakeholder groups ranging from traditional communities, rural farming communities, business stakeholders, organs of state departments and non-governmental organisations within all nine s of South Africa.

### SKILLS BASE AND CORE COMPETENCIES

- Public Participation, Stakeholder Engagement and Stakeholder Management
- Environmental Impact Assessment (Social Processes)
- Public Speaking and Presentation Skills
- Facilitation (workshops, focus group meetings, public meetings, public open days, working groups and committees)

- Social Research (Qualitative and Quantitative)
- Social Assessments (Stakeholder Analysis / Stakeholder Mapping)
- Survey Design and Sampling
- Monitoring and Evaluation
- Community Needs Assessments
- Environmental and Social Policy
- IFC Performance Standards
- Equator Principles
- Minute taking, issues mapping, report writing and quality control

## EDUCATION AND PROFESSIONAL STATUS

### Degrees:

- B.A. Honours in Anthropology, University of Johannesburg (2005)
- B.A in Psychology, University of Johannesburg (2004)

### Short Courses:

- Techniques for Effective Public Participation, International Association for Public Participation (IAP2) (2015)
- Foundations of Public Participation (Planning and Communication for Effective Public Participation, IAP2 (2015)
- Living Standards Measures, South African Advertising Research Foundation (SAARF) (2010)
- Focus Group Moderation Skills, Market Research for Africa (2007)
- Diploma in Public Relations, Allenby Campus Boksburg now Damlin College (2001)

### Professional Society Affiliations:

- Member of International Association for Public Participation (IAP2): Southern Africa

## EMPLOYMENT

Date	Company	Roles and Responsibilities
May 2012 - Current	Savannah Environmental (Pty) Ltd	Public Participation and Social Consultant <i>Tasks include: Public participation process design and implementation; undertaking stakeholder identification and analysis and developing &amp; maintaining project specific databases; compiling and disseminating information relevant to the EIA process to I&amp;APs and the broader public; facilitating and recording comments raised by I&amp;APs, ensuring that comments are responded to by</i>



<b>Date</b>	<b>Company</b>	<b>Roles and Responsibilities</b>
		<i>the environmental consultants, specialists and clients and documented in the final BA, Scoping and EIA reports; scheduling, facilitating and recording public participation engagement opportunities; authority consultation; developing project proposals for procuring new projects in public participation and social consulting services.</i>
<b>March 2007 – April 2012</b>	NMA Effective Social Strategists (Pty) Ltd	Assistant Project Manager Tasks include: design, execution and analysis of qualitative and quantitative social assessments including, stakeholder and social analysis, community needs assessment and stakeholder perception surveys; design and implementation of public participation strategies for integrated development planning and infrastructure projects during project implementation; development and facilitation of skills and SMME audit processes within local communities; coordinating the public participation processes for EIAs and HIAs; facilitating and taking minutes of participatory processes including focus group meetings, public open days, workshops, forums and committee meetings; supervising project coordinators and project administrators; liaising with clients regarding project deliverables and issues.
<b>January 2005 – March 2007 (Part-time):</b>	University of Johannesburg: Department of Anthropology and Development Studies	Student Tutor and Research Assistant Tasks include: marking tests, assignments and examinations written by undergraduate and postgraduate students; interview transcription, data analysis and report writing to assist PhD Fellows with research.

## **PROJECT EXPERIENCE**

### **Renewable Power Generation Projects: Solar Energy Facilities**

#### ***Environmental Impact Assessments and Environmental Management Programmes***

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
<i>Prieska SEF, Northern Cape</i>	<i>Jouren Solar</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Blackwood SEF, Free State</i>	<i>Blackwood Solar Energy Facility</i>	<i>Public Participation &amp; Social Consultant</i>

<i>Merapi Phase 1 – 4 SEFs, Free State</i>	<i>SolaireDirect Southern Africa</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Sannaspos SEF Phase 1, Free State</i>	<i>SolaireDirect Southern Africa</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Pofadder SEF, Northern Cape</i>	<i>South Africa Mainstream Renewable Power Development</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Tiger SEF, Northern Cape</i>	<i>Kabi Solar</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Kgabalatsane SEF, North West</i>	<i>BuiltAfrica Investments</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Klip Gat SEF, Northern Cape</i>	<i>Klip Gat Solar Energy</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Naauw Poort SEF, Northern Cape</i>	<i>Naauw Poort Solar Energy</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Stormberg SEF, Eastern Cape</i>	<i>Networx Eolos Renewables</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Gihon SEF, Limpopo</i>	<i>Networx Renewables</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Kison SEF, Limpopo</i>	<i>Networx Renewables</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Steynsrus PV1 &amp; PV2 SEFs, Free State</i>	<i>SunCorp</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Zuurwater SEF Phase 1 – 4, Northern Cape</i>	<i>PVAfrica Development</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Sirius SEF Phase 1, Northern Cape</i>	<i>Sirius Solar PV Project One</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Sirius SEF Phase 2, Northern Cape</i>	<i>Sirius Solar PV Project Two</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Grootkop SEF, Free State</i>	<i>FRV Energy South Africa</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Everest SEF, Free State</i>	<i>FRV Energy South Africa</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Oryx SEF, Free State</i>	<i>FRV Energy South Africa</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Watershed SEF, North West</i>	<i>FRV Energy South Africa</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Wolmaransstad SEF, North West</i>	<i>Bluewave Capital SA</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Hennenman SEF, Free State</i>	<i>Bluewave Capital</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Lethabo SEF, Free State</i>	<i>Eskom</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Majuba SEF, Mpumalanga</i>	<i>Eskom</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Tutuka SEF, Mpumalanga</i>	<i>Eskom</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Bloemsmond 1 SEF, Northern Cape</i>	<i>AEP Bloemsmond Solar 1</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Bloemsmond 2 SEF, Northern Cape</i>	<i>AEP Bloemsmond Solar 2</i>	<i>Public Participation &amp; Social Consultant</i>

Woodhouse Solar 1 SEF, North West	Genesis Woodhouse Solar 1	Public Participation & Social Consultant
Woodhouse Solar 2 SEF, North West	Genesis Woodhouse Solar 2	Public Participation & Social Consultant
Sol Invictus 1 SEF, Northern Cape	Cyraclox	Public Participation & Social Consultant
Sol Invictus 2 SEF, Northern Cape	Cyracraft	Public Participation & Social Consultant
Sol Invictus 3 SEF, Northern Cape	Cyrafusion	Public Participation & Social Consultant
Sol Invictus 4 SEF, Northern Cape	Cyralex	Public Participation & Social Consultant
SolarReserve Kotulo Tsatsi PV Power Plant 2, Northern Cape	SolarReserve South Africa and Kotulo Tsatsi Energy	Public Participation & Social Consultant
Orkney SEF, North West	Genesis Orkney Solar	Public Participation & Social Consultant

### Basic Assessments

Project Name & Location	Client Name	Role
Sannaspos SEF Phase 2, Free State	SolaireDirect Southern Africa	Public Participation & Social Consultant
Southern Cross SEF near, Northern Cape	Tiquen Trading	Public Participation & Social Consultant
Tutwa SEF, Northern Cape	Tiquen Trading	Public Participation & Social Consultant
Carolus Poort SEF, Northern Cape Povince	Carolus Poort Solar Energy	Public Participation & Social Consultant
Wonderheuwel SEF, Northern Cape	Wonderheuwel Solar Energy	Public Participation & Social Consultant
Damfontein SEF, Northern Cape	Damfontein Solar Energy	Public Participation & Social Consultant
Gillmer SEF, Northern Cape	Gillmer Solar Energy	Public Participation & Social Consultant
Machadadorp SEF, Mpumalanga	Solar to Benefit Africa	Public Participation & Social Consultant
Son Citrus Rooftop SEF, Eastern Cape	Building Energy	Public Participation & Social Consultant
Gosforth Rooftop SEF, Gauteng	Building Energy	Public Participation & Social Consultant
Kynoch Rooftop SEF, Gauteng	Building Energy	Public Participation & Social Consultant
Newcastle SEF, KwaZulu-Natal	Building Energy	Public Participation & Social Consultant
Pongola SEF, KwaZulu-Natal	Building Energy	Public Participation & Social Consultant
Senekal 1 SEF, KwaZulu-Natal	Building Energy	Public Participation & Social Consultant
Senekal 2 SEF, KwaZulu-Natal	Building Energy	Public Participation & Social Consultant

Harmony Eland SEF, Free State	BBEntropie	Public Participation & Social Consultant
Harmony Nyala SEF, Free State	BBEntropie	Public Participation & Social Consultant
Harmony Tshepong SEF, Free State	BBEntropie	Public Participation & Social Consultant
Camco Clean Energy Solar System, Gauteng	Camco Clean Energy	Public Participation & Social Consultant
Scuitdrift SEF, Northern Cape	Scuitdrift Solar Project	Public Participation & Social Consultant

### Screening Studies

Project Name & Location	Client Name	Role
Bobididi 5MW SEF, Limpopo	Root 60Four Energy	Public Participation & Social Consultant
Koppies-Josina SEF, Free State	Bluewave	Public Participation & Social Consultant
BWC Potgietersrust SEF, Free State	Bluewave	Public Participation & Social Consultant
BWC Uitsig SEF, Free State	Bluewave	Public Participation & Social Consultant
Boipelo SEF, North West	Building Energy	Public Participation & Social Consultant
Modderivier Rooftop SEF, Northern Cape	Building Energy	Public Participation & Social Consultant
Red Sand SEF, North West	Building Energy	Public Participation & Social Consultant

### Renewable power generation projects: Wind Energy Facilities

#### Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client Name	Role
Garob WEF, Northern Cape	Garob Wind Farm	Public Participation & Social Consultant
Aberdeen WEF, Eastern Cape	Eskom	Public Participation & Social Consultant
Kleinzee WEF, Northern Cape	Eskom	Public Participation & Social Consultant
Elliot WEF, Eastern Cape	DNA Wind Farm	Public Participation & Social Consultant
Stormberg WEF, Eastern Cape	Networx Eolos Renewables	Public Participation & Social Consultant
Castle WEF, Northern Cape	Castle Wind Farm	Public Participation & Social Consultant
Zen WEF, Western Cape	Zen Wind Farm	Public Participation & Social Consultant
Mainstream Pofadder WEF, Northern Cape	South Africa Mainstream Renewable Power Development	Public Participation & Social Consultant

Mainstream Springfontein WEF, Free State	South Africa Mainstream Renewable Power Springfontein	Public Participation & Social Consultant
Karusa WEF, Northern Cape	Karusa Wind Farm	Public Participation & Social Consultant
Soetwater WEF, Northern Cape	Soetwater Wind Farm	Public Participation & Social Consultant
Great Karoo WEF, Northern Cape	Great Karoo Wind Farm	Public Participation & Social Consultant
Khai-Ma WEF, Northern Cape	South Africa Mainstream Renewable Power Developments	Public Participation & Social Consultant
Korana WEF, Northern Cape	South Africa Mainstream Renewable Power Developments	Public Participation & Social Consultant
Poortjies WEF, Northern Cape	South Africa Mainstream Renewable Power Developments	Public Participation & Social Consultant
Karreebosch WEF, Northern Cape and Western Cape s	Karreebosch Wind Farm	Public Participation & Social Consultant
Gunstfontein WEF, Northern Cape	Gunstfontein Wind Farm	Public Participation & Social Consultant
Hartebeest WEF, Western Cape	Hartebeest Wind Farm	Public Participation & Social Consultant

### Screening Studies

Project Name & Location	Client Name	Role
Lamberts Bay WEF, Western Cape	Windy World	Public Participation & Social Consultant

### Renewable Power Generation Projects: Concentrated Solar Facilities (CSP)

#### Environmental Impact Assessments and Environmental Management Programmes

Project Name & Location	Client Name	Role
Upington Solar Thermal Plant 2, Northern Cape	Abengoa Solar Power South Africa	Public Participation & Social Consultant
Upington Solar Thermal Plant 3, Northern Cape	Abengoa Solar Power South Africa	Public Participation & Social Consultant
Paulputs CSP Facility, Northern Cape	Abengoa Solar Power South Africa	Public Participation & Social Consultant
SolarReserve Kotulo Tsatsi CSP 1, Northern Cape	SolarReserve South Africa and Kotulo Tsatsi Energy	Public Participation & Social Consultant
SolarReserve Kotulo Tsatsi CSP 2, Northern Cape	SolarReserve South Africa and Kotulo Tsatsi Energy	Public Participation & Social Consultant
SolarReserve Kotulo Tsatsi CSP 3, Northern Cape	SolarReserve South Africa and Kotulo Tsatsi Energy	Public Participation & Social Consultant
Noupoort CSP Facility, Northern Cape	CRESCO Energy	Public Participation & Social Consultant
Ilanga CSP Power Tower 1 SEF, Northern Cape	FG Emvelo	Public Participation & Social Consultant

<i>Ilanga CSP 3 SEF, Northern Cape</i>	<i>FG Emvelo</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Ilanga CSP 4 SEF, Northern Cape</i>	<i>FG Emvelo</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Ilanga CSP 5 SEF, Northern Cape</i>	<i>FG Emvelo</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Ilanga CSP 7, Northern Cape</i>	<i>FG Emvelo</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Ilanga CSP 9, Northern Cape</i>	<i>FG Emvelo</i>	<i>Public Participation &amp; Social Consultant</i>

## **Grid Infrastructure Projects**

### **Environmental Impact Assessments and Environmental Management Programmes**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
<i>Saldanha Bay Network Strengthening Project, Western Cape</i>	<i>Eskom</i>	<i>Public Participation &amp; Social Consultant</i>

### **Basic Assessments**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
<i>Sishen SEF 132kV Power Line, Northern Cape</i>	<i>Windfall 59 Properties</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Kopleegte – Poseidon 132kV Power Line, Eastern Cape</i>	<i>Eskom</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Kopleegte Substation, Eastern Cape</i>	<i>Cennergi</i>	<i>Public Participation &amp; Social Consultant</i>
<i>132kV Golden Valley – Kopleegte Power Line, Eastern Cape</i>	<i>Eskom</i>	<i>Public Participation &amp; Social Consultant</i>
<i>132kV Golden Valley – Poseidon Power Line, Eastern Cape</i>	<i>Eskom</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Golden Valley Substation, Eastern Cape</i>	<i>Terra Wind Energy Golden Valley</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Khobab Substation and 132kV Khobab – Helios Power Line, Northern Cape</i>	<i>South Africa Mainstream Renewable Power Khobab</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Garob Wind Farm to Kronos Substation 132kV Power Line, Northern Cape</i>	<i>Garob Wind Farm</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Wesley – Peddie 132kV Power Line, Eastern Cape</i>	<i>Just Energy</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Nojoli Wind Farm Substation and Power Line Integration, Eastern Cape</i>	<i>Nojoli Wind Farm</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Loeriesfontein 2 WEF Power Line Realignment, Northern Cape</i>	<i>South Africa Mainstream Renewable Power Loeriesfontein 2</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Springfontein Power Line, Free State</i>	<i>South Africa Mainstream Renewable Power Springfontein</i>	<i>Public Participation &amp; Social Consultant</i>
<i>132kV Power Line from the Cuprum Substation to the Burchell Substation and Mooidraai Substation, Northern Cape</i>	<i>Eskom</i>	<i>Public Participation &amp; Social Consultant</i>

66kV Orlight Power Line, Northern Cape	Orlight SA	Public Participation & Social Consultant
Iziduli Emoyeni WEF Power Line and Switching Station, Eastern Cape	Emoyeni Wind Farm Renewable Energy	Public Participation & Social Consultant
Iziduli Emoyeni WEF Substation, Eastern Cape	Emoyeni Wind Farm Renewable Energy	Public Participation & Social Consultant
Aggeney's Solar 1 Power Line, Northern Cape	PVAfrica Development	Public Participation & Social Consultant
Blackwood SEF Power Line, Free State	Blackwood Solar Energy Facility	Public Participation & Social Consultant
Terra Wind Energy Golden Valley WEF Power Line, Eastern Cape	Terra Wind Energy Golden Valley	Public Participation & Social Consultant
Rhebokfontein WEF 132kV Power Line, Western Cape	Moyeng Energy	Public Participation & Social Consultant
Khai-Ma WEF Power Line, Northern Cape	South Africa Mainstream Renewable Power Developments	Public Participation & Social Consultant
Poortjies WEF Power Line, Northern Cape	South Africa Mainstream Renewable Power Developments	Public Participation & Social Consultant
Korana WEF Power Line, Northern Cape	South Africa Mainstream Renewable Power Developments	Public Participation & Social Consultant
Korana SEF Power Line, Northern Cape	South Africa Mainstream Renewable Power Developments	Public Participation & Social Consultant
Castle WEF 132kV Power Line, Northern Cape	Castle Wind Farm	Public Participation & Social Consultant
Solis Power I Facility 132kV Power Line, Northern Cape	Solis Power I	Public Participation & Social Consultant
Karusa WEF 132kV Power Line and Switching Station, Northern Cape	ACED Renewable Hidden Valley	Public Participation & Social Consultant
Nxuba WEF 132kV Power Line, Substation and Metering Station, Eastern Cape	Nxuba Wind Farm	Public Participation & Social Consultant
Karusa WEF 132kV Power Line and Switching Station, Northern Cape	Soewater Wind Farm	Public Participation & Social Consultant
Konkoonsies II SEF Power Line and Substation, Northern Cape	Ramizone	Public Participation & Social Consultant
Perdekraal West WEF 132kV Power Line, Western Cape	Perdekraal West Wind Farm	Public Participation & Social Consultant
Golden Valley II WEF 132kV Power Line, Eastern Cape	Golden Valley II Wind	Public Participation & Social Consultant

## Gas Projects

### **Environmental Impact Assessments and Environmental Management Programmes**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Richards Bay Power Facility, KwaZulu-Natal	Richards Bay Gas Power 2	Public Participation & Social Consultant
Richards Bay Combined Cycle Power Plant, KwaZulu-Natal	Eskom	Public Participation & Social Consultant



### **Basic Assessments**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Neopak CHP, Gauteng	Neopak	Public Participation & Social Consultant

### **Mining Sector Projects**

#### **Basic Assessments**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Chemical Storage Tanks, Metallurgical Plant Upgrade & Backfill Plant Upgrade at South Deep Gold Mine, Gauteng	South Deep	Public Participation & Social Consultant
Waste License Application for Waste Transfer and Storage Facilities at South Deep Mine, Gauteng	South Deep	Public Participation & Social Consultant
Harmony Gold Doornkop Mine Wastewater Treatment Plant, Gauteng	Harmony Gold Mining Company	Public Participation & Social Consultant

#### **Environmental Permitting & WUL Applications**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Yzermyn Underground Coal Mine WULA, Mpumalanga	Atha Africa Ventures	Public Participation & Social Consultant

### **Infrastructure Development Projects (bridges, pipelines, roads, etc)**

#### **Environmental Impact Assessments and Environmental Management Programmes**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Medupi Power Station Pollution Control Dams, Ash Dump & Coal Stockyard, Limpopo	Eskom	Public Participation & Social Consultant
Realignment of the N10, Northern Cape	South African National Roads Agency Limited (SANRAL)	Public Participation & Social Consultant

#### **Basic Assessments**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Watercourse Crossings within the authorised Ilanga CSP Facility, Northern Cape	Ilangaletu Solar Power	Public Participation & Social Consultant
Watercourse Crossings within the authorised Ofir-ZX SEF, Northern Cape	Networx S28 Energy	Public Participation & Social Consultant
Watercourse Crossings within the authorised S-KOL SEF, Northern Cape	Networx S28 Energy	Public Participation & Social Consultant
Watercourse Crossings within the authorised Sonnenberg SEF, Northern Cape	Networx S28 Energy	Public Participation & Social Consultant
Loeriesfontein 2 WEF Watercourse Crossings, Northern Cape	South Africa Mainstream Renewable Power Loeriesfontein 2	Public Participation & Social Consultant
Production and Storage of Chemical Fertilisers at a proposed facility near Bothaville, Free State	AMSOL Fertilizers	Public Participation & Social Consultant
Production and Storage of Chemical fertilisers at a proposed facility near Viljoenskroon, Free State	AMSOL Fertilizers	Public Participation & Social Consultant

Watercourse Crossings over 4 drainage lines within the authorised Nojoli WEF, Eastern Cape	ACED Cookhouse South Wind Farm	Public Participation & Social Consultant
Stormwater canal system associated with the authorised Ilanga CSP Facility, Northern Cape	Karoshhoek Solar One	Public Participation & Social Consultant
Watercourse Crossings within the Aggeney's SEF, Northern Cape	Orlight SA	Public Participation & Social Consultant
Watercourse Crossings within the authorised Nxuba (Great Fish Wind Farm) WEF, Eastern Cape	Nxuba Wind Farm	Public Participation & Social Consultant
Watercourse Crossings within the authorised Nxuba (Bedford Wind Farm), Eastern Cape	Nxuba Wind Farm	Public Participation & Social Consultant
REDISA Witbank Waste Tyre Pre-processing Depot, Mpumalanga	Recycling and Economic Development Initiative of South Africa (REDISA)	Public Participation & Social Consultant
REDISA Upington Waste Tyre Pre-processing Depot, Northern Cape	REDISA	Public Participation & Social Consultant
REDISA Nelspruit Waste Tyre Pre-processing Depot, Northern Cape	REDISA	Public Participation & Social Consultant
Cato Ridge Waste Tyre Pre-processing Depot, Northern Cape	REDISA	Public Participation & Social Consultant
Watercourse Crossings within the authorised Msenge Emoyeni WEF, Eastern Cape	Amakhala Emoyeni Renewable Energy	Public Participation & Social Consultant
Access Roads and Watercourse Crossings within the authorised Iziduli Emoyeni WEF, Eastern Cape	Emoyeni Wind Farm Renewable Energy	Public Participation & Social Consultant
Expansion of the LPG Storage Facility, Gauteng	Reatile Gaz	Public Participation & Social Consultant
Wastewater Dam, Biomass Storage Area and Pipeline for the authorised Mkuze Biomass Power Plant, KwaZulu-Natal	Navosync	Public Participation & Social Consultant
Paulputs Road Realignment, Northern Cape	Northern Cape Department of Roads and Public Works	Public Participation & Social Consultant
Klawer Watercourse Crossings and Road Upgrades within the authorised Klawer WEF, Western Cape	Klawer Wind Power	Public Participation & Social Consultant
Neopak Water Treatment Plant, Gauteng	Neopak	Public Participation & Social Consultant
Lehae Training Academy, Gauteng	Johannesburg Development Agency (JDA)	Public Participation & Social Consultant

### **Housing and Urban Projects**

#### **Environmental Impact Assessments and Environmental Management Programmes**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Kuruman Metals Industrial Cluster, Northern Cape	Northern Cape Department of Economic Development and Tourism	Public Participation & Social Consultant

#### **Basic Assessments**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
Postmasburg Housing Development, Northern Cape	Transnet	Public Participation & Social Consultant
Rand Leases Extension 15 Industrial Township, Gauteng	Rand Leases Properties	Public Participation & Social Consultant

## **Environmental Management Tools**

### **Environmental Impact Assessments and Environmental Management Programmes**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
<i>Karoshhoek Grid Integration, Karoshhoek Solar Valley Development – EMPr, Northern Cape</i>	<i>FG Emvelo</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Aggeneys SEF – EMPr, Northern Cape</i>	<i>Main Street 957</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Konkoonsies II SEF – EMPr, Northern Cape</i>	<i>Ramizone</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Roggeveld WEF – EMPr, Northern Cape and Western Cape s</i>	<i>Roggeveld Wind Power</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Biotherm Excelsior WEF, Western Cape</i>	<i>Amstilinx</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Garob WEF – EMPr, Northern Cape</i>	<i>Garob Wind Farm</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Hopefield Small WEF – EMPr, Western Cape</i>	<i>Hopefield Small Wind Farm</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Nojoli WEF – EMPr, Eastern Cape</i>	<i>ACED Cookhouse South Wind Farm</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Klawer WEF – EMPr, Western Cape</i>	<i>Klawer Wind Power</i>	<i>Public Participation &amp; Social Consultant</i>
<i>Excelsior WEF Wetlands – EMPr, Western Cape</i>	<i>Amstilinx</i>	<i>Public Participation &amp; Social Consultant</i>

### **Basic Assessments**

<b>Project Name &amp; Location</b>	<b>Client Name</b>	<b>Role</b>
<i>Nojoli WEF Substation and Power Line – EMPr, Eastern Cape</i>	<i>ACED Coohouse South Wind Farm</i>	<i>Public Participation &amp; Social Consultant</i>