

## *CURRICULUM VITAE*



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Company Name	Lidwala Environmental Planning Services (EPS)
Date of birth	<b>Frank van der Kooy</b> 16 August 1949
Profession	Environmental Scientist
Position	Director
Start date with LIDWALA	2006- Permanent full-time staff member

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### **Qualifications**

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- Diploma Agriculture – Potchefstroom, North West, 1969
  - National Diploma Landscape planning, Botany, Ecology, Soil science, Pretoria, 1975
  - Bachelor degree – Unisa, Pretoria, Sociology of City and Urban Planning, Ecology and Environmental studies, 1984
  - B(Hons) – Unisa, Pretoria, City of Urban Planning, Environmental, Ecology, 1986
  - Certificate in EIA Studies – U.C.T – Cape Town, 1988
  - MDP – Business Leadership-Unisa, Project, financial, operational and personnel management, 1992
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### **Affiliation and accreditation**

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- Registration as Botanical Technologist: South African Council for Natural Scientific Professions: Registration No: 300002/95
  - Registration as a Professional Environmental Scientist: South African Council for Natural Scientific Professions, since 2000, Registration No: 400126/00
  - Member of International Association for Impact Assessment (IAIA) from 1995.
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### **Specialities**

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- Environmental impact assessments (EIA)
- Strategic Environmental Assessment (SEA)
- Social Impact Assessment (SIA)
- Integrated Environmental Management (IEM)
- Environmental Management System (EMS)
- Mine closure plans
- Mine Environmental Management plans/programmes (EMPR)
- Prospecting and mining applications
- Mining – environmental monitoring, auditing, environmental liability (Quantum)
- Rehabilitation of denuded areas, botanical advice and plans
- Development feasibility studies
- Scoping documents for infrastructure and various other projects
- Conflict Management
- Public Participation

## F VAN DER KOOY C V SHEET 2

- Natural resource management
  - Identification and design of pertinent and cost-effective mitigation measures and management programs
  - Monitoring and auditing protocols
  - Project Management
  - Infrastructure & Service related projects
  - Institutional & Social development
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### Career summary

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- 1971 to 1972 – **PRIVATE FIRM**, Environmental related work
  - 1973 to 1978 – **NATIONAL BOTANICAL GARDENS**, Pretoria – Environmental work, plant studies
  - 1978 to 1984 – **CAPE DEPARTMENT OF NATURE AND ENVIRONMENTAL CONSERVATION**, Jonkerhoek, Stellenbosh – Nature Conservation Officer – Evaluation of developments, rehabilitation projects, work on habitats, rare and endangered plants, Advisory bodies for development of Nature reserves
  - 1984 to 2000 – **ESKOM**, West Cape Region, Port Elizabeth, George and Head Office – Megawatt Park Johannesburg – Several positions held e.g. Environmental specialist, EIA practitioner, Environmental Manager for Distribution – development of EMS, various EMP's and EIA's for linear projects.
  - 2001 to 2006 – **AFRICAN EPA** – Environmental specialist and Office Manager – Feasibility study on residential development, Strategic Environmental Assessment, Water service development planning, environmental studies, prospecting and mining applications.
  - **LIDWALA ENVIRONMENTAL PLANNING SERVICES (EPS)** – projects, office manager and director.
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### Work experience

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#### MANAGEMENT AND CONTROL SYSTEMS:

- Linear EIA processes for Eskom Transmission lines throughout SA.
- EIA's for small enterprises
- Prieska feasibility study on Nature reserve and "Die Bos" Holiday resort
- Strategic Environmental Assessment; Bronberg, for DACEL to develop guidelines for future development. (Highly controversial with developers)
- Strategic Environmental Assessment; Rustenburg, phase I
- Strategic Environmental Assessment; Frances Baard District
- Several EIA's for Tshwane Municipality, roads and pipelines
- Mining EIA's, closure plans and liability analyses – Sishen Mine (Kumba – Anglo)
- Waste stream analyses for Kumba Resources (Sishen Mine (Kumba – Anglo)
- Mining and prospecting applications – Gemcore, Kimberley, West Coast
- Mining rehabilitation, monitoring and environmental audits; Elandslaagte mine and Diamondcore
- Road EIA processes for Kuruman District Municipality
- Environmental Management system development (EMS) for Eskom, Sedibeng and Lepelle water, proposals and software implementation. Currently busy to implement EMS for mining company.
- Louis Trichardt – Messina 132k V line
- Specifications for servitude clearing & EMP – construction
- Economic and social strategic analyses – Southern Cape
- Environmental studies on problem areas, solutions and Environmental Management Plans
- Environmental audits
- Editor of "Tree Identification Guide".

## F VAN DER KOOY C V SHEET 2

### OTHER RELEVANT EXPERIENCE

Lecturer: University of the Free state; Environmental Legislation and Impact Assessment  
Guest lecturer: University of Pretoria on environmental, regional and town planning legislation  
Courses; Environmental management, legislation and plant identification courses mainly for Eskom  
Speaker at IAIA international, Portugal, on public participation for successful development in a developing country  
Guest speaker; Utrecht University, Development within a developing country with meaningful Environmental consideration  
Netherlands Department of Water and Environmental Affairs; (Rykwaterstaat), their guest to different Development projects  
Funds for development projects; European Development Bank; STOAS in the Netherlands  
Advisory to local municipalities; e.g Galeshewe open space (Sol Plaatjie municipality); Sol Plaatjie Kimberley municipality on environmental management systems and development strategies;  
Magareng (Warrenton) municipality on spatial development and infrastructure development;  
Dikgatlong (Barkley West) municipality on development strategy and project opportunities  
Phokwane (Hartswater) municipality, issues, development strategies and opportunities for projects.  
Presentations: Development scenarios and environmental impacts to:  
Kimberley Business Forum  
Various local municipalities  
Work groups and associations: Strategic Environmental Assessments;  
Environmental Planning Professions Interdisciplinary Committee for the Southern Cape on different Projects  
International Association on Impact Assessment  
Development feasibility study for Development Bank of Southern Africa (DBSA);

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### Language capability

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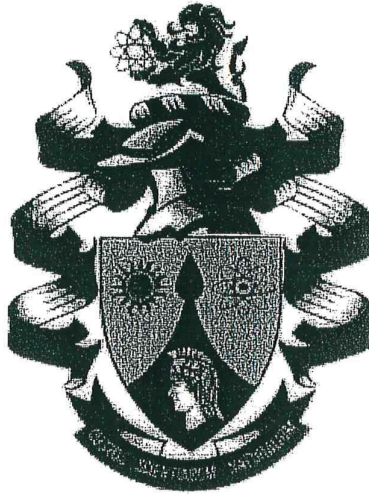
	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent

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**Date** **November 2010**

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THE SOUTH AFRICAN COUNCIL  
FOR  
NATURAL SCIENTIFIC PROFESSIONS

herewith certifies that

**Frank van der Kooy**

Registration number: 400126/00

is registered as a

**Professional Natural Scientist**

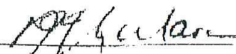
in terms of section 20(3) of the Natural Scientific Professions Act, 2003  
(Act 27 of 2003)  
in the following field(s) of practice  
(Schedule I of the Act)


**Environmental Science**

**13 November 2000**

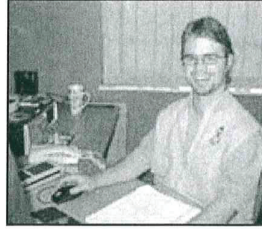
13 November 2000

Pretoria

  
President

  
Chief Executive Officer





## CURRICULUM VITAE

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Company: Lidwala Consulting Engineers  
Name: **Glenn Mullett**  
Date of Birth: **13.03.1979**  
Profession: GIS Technologist; Social Ecologist; Conservation Scientist  
Relevant Experience: 10 Years  
Nationality: South African

### Qualifications

- UNIGIS Postgraduate Diploma, NMMU, 2008 ([www.nmmu.ac.za](http://www.nmmu.ac.za))
- National Certificate for Environmental Educators, UNISA, 2004 ([www.unisa.ac.za](http://www.unisa.ac.za))
- B-Tech: Nature Conservation: Technikon SA / UNISA, 2003 ([www.unisa.ac.za](http://www.unisa.ac.za))
- N. Dip Nature Conservation: Technikon SA, 2001 ([www.unisa.ac.za](http://www.unisa.ac.za))

### Specialities

- Differential GPS Survey of natural and built environments
- GIS Design and Implementation and Management, with application in Conservation, Agriculture and Engineering Infrastructure
- Database Design and Administration in the above environments
- Excel Solutions development including advanced scripting and array formulae aggregation
- Information Technology with the focus on geographical data communication and GIS based systems
- GIS support for Road Asset Management Systems
- Web based GIS using Open Source products and Linux platforms
- Server and Computer Virtualisation using VMWare
- Systems administration and networking
- GIS SDE Hosting

### Current Employment

June 2008 to date. **LIDWALA Consulting Engineers** [www.lidwala.com](http://www.lidwala.com) – GIS Technologist

### Relevant Experience

I am currently the GIS Technologist working on the Road Asset Management System (RAMS) for Mpumalanga Department of Roads and Transport. Lidwala carries this three year appointment since the beginning of 2008. The assignment involves a complete redesign of the RAMS including all sub systems.

Responsibilities include RAMS system framework design, sub-systems integration design, server and communication interfaces design and procurement, web-based data logging and interactive platform design and implementation, GIS setup and management for all the sub systems, training of Departmental staff on using the RAMS interactive system, map design and production.

Support functions to Lidwala include computer systems administration; IT support, website development, design and maintenance; database administration, implementing a countrywide WAN role-out that resides on an MPLS backbone, managing the communication systems (both data and voice), IT equipment procurement; configuring and administering the central document management system.

## **G MULLETT C V**

### **Other Work Experience**

Sep 2004 to May 2008. **KOMATI MILL GROUP BOARD – GIS Data Analyst**  
(c/o TSB Sugar Ltd [www.tsb.co.za](http://www.tsb.co.za))

*Responsible for Differential GPS mapping of all changes and new expansions in the Komati cane supply area (approximately 25 000 ha) as well as other farm mapping on request (such as orchards, bananas, roads, farm buildings etc) to sub-meter accuracy levels using survey grade GPS, Optron Realtime and Trignet RINEX data; Integration of surveyed data into GIS, synchronising updates between GIS and all Mill systems (including Oracle and MS SQL Server); analyses and management of sugar cane crops including historical yield trend analysis, cultivar performance analysis, incremental crop estimates (system design and implementation); daily rateable delivery model development and calculation; delivery performance modelling; data integrity problem detection and resolving; map design, production and dissemination.*

Jan 2004 to Aug 2004. **VUKA PROJECT MANAGEMENT SERVICES – Project Manager:** Kgalagadi Transfrontier National Park

*Responsible for the management of the DEAT poverty relief projects throughout the whole Park. Projects included wilderness camp construction, picnic site construction, water reticulation, electrical reticulation and upgrading of existing rest camp infrastructure.*

Dec 2002 to Dec 2003. **VUKA PROJECT MANAGEMENT SERVICES – Project Co-ordinator:** Darlington Dam Section, Greater Addo Elephant National Park

*Responsible for the co-ordination of the DEAT poverty relief projects in the remote Darlington section of Addo National Park. Projects included electrified game fence construction, landscape rehabilitation and alien plant control.*

Feb 2002 to Oct 2002. **SANPARKS** [www.sanparks.org.za](http://www.sanparks.org.za) – Acting Senior Social Ecologist and Consultant

*Responsible for the all community outreach programmes of the National Park and the compilation of the project scope reports for the reconstruction of the Wilderness boardwalk and the construction of fire breaks in the greater Wilderness National Park. Other duties included alien plant control and anti-poaching law enforcement.*

Mar 2000 to Jan 2001. **DELTA ENVIRONMENTAL CENTRE** [www.deltaenviro.org.za](http://www.deltaenviro.org.za) – Environmental Educator

*Responsible for facilitating environmental workshops and programmes for school groups (mainly from previously disadvantaged communities) as well as the empowerment of teachers from said communities in environmental education aspects.*

Jan 1998 to Jan 2001. **WITWATERSRAND NATIONAL BOTANICAL GARDENS – Environmental Educator**  
(Now the Walter Sisulu National Botanical Garden <http://www.sanbi.org/sisulu/mainpage.htm>)

*Responsible for facilitating environmental workshops and programmes for school groups (mainly from previously disadvantaged communities) as well as the empowerment of teachers from said communities in environmental education aspects.*

## **G MULLETT C V**

### **Systems implementation:**

- 2005: Cane Management System implementation team (Data handling and Business systems)
- 2006: CanePro implementation team (Business systems, Data handling, DRD and Estimate process)
- 2008: Lidwala.net implementation team (Project manager)
- 2009: Quad-node Document Management System with MySQL replication and server-side data synchronisation

### **Courses Attended:**

- Pavement Management Course, Stellenbosch, 2008: University of Stellenbosch: Stellenbosch Institute for Advanced study. Course conducted by Prof K. Jenkins (STIAS) and Dr G van Zyl (PD Naidoo and Associates). (4 CPD points).
- Introduction to Traffic Counting, Middleburg, 2008: ITS Engineers. Course conducted by Dr. P. Pretorius (ITSE).
- Performance Management Course, Malelane, 2007: Course conducted by TSB's internal training department.
- Essential Sugar Technology Course, Malelane, 2007: Course conducted by the Sugar Milling Research Institute (SMRI).
- Skipper's Licence Course (theory), Knysna, 2001: Course conducted by NSRI Mosselbay.
- Drizit Oil Spill Course, Knysna, 2001: Course conducted by DRIZIT Oil & Chemical Pollution Control.
- Computer Usage 1 Course, College Campus Braamfontein, 1999.

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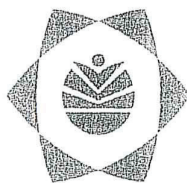
### **Language capability**

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	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Good

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Nelson Mandela  
Metropolitan  
University

for tomorrow

**UNIGIS Network for Postgraduate  
Distance Learning in Geographical  
Information Systems**

**This confirms that the named student has successfully completed the  
International UNIGIS Diploma Programme of Postgraduate Study offered  
in a Distance Learning Course within the framework of the International  
UNIGIS network of Universities**

**Name:** Glenn Peter MULLETT

**Title of Course:** *Postgraduate Diploma in GIS*

**Institution:** Nelson Mandela Metropolitan University

**Department:** Information Technology

**Date of Award:** November, 2008

Signature of Chairman of NMMU Course Board: 

Signature of Programme Leader of NMMU: 

**THIS TRANSCRIPT DOES NOT CONFER AN AWARD**

The UNIGIS Network

University of Salzburg AUSTRIA	Malaspina University CANADA	The Mendel University of Agriculture CZECH REPUBLIC	Universidad San Casilla ECUADOR	University of West Hungary HUNGARY	University of Goa INDIA	Free University of Amsterdam NETHERLANDS	Jagiellonian University POLAND	University Nova de Lisbon PORTUGAL
Ministry of Russian Federation RUSSIA	Nelson Mandela Metropolitan University SOUTH AFRICA	University of Pretoria SOUTH AFRICA	Universitat de Girona SPAIN	University of Huddersfield UNITED KINGDOM	University of Salford UNITED KINGDOM	Manchester Metropolitan University UNITED KINGDOM	University of Southern California UNITED STATES	



**Nelson Mandela  
Metropolitan  
University**

*for tomorrow*

Student No: **20452674**

**Transcript of Studies: *Distance Learning Certificate***

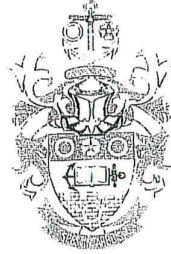
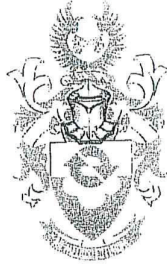
Name	<b>MULLETT, Glenn Peter</b>	Date of Birth	<b>13<sup>th</sup> March 1979</b>
Course of Studies	<b>Postgraduate Diploma in Geographical Information Systems (UNIGIS Network of Universities)</b>		
Overall Grade	<b>Passed With Distinction</b>		

Examination Subject	Grade
<b><u>Compulsory Modules:</u></b>	
GIS - An Overview	A
Spatial Data Modeling	B
Spatial Operations	A
Database Theory	A
Data Acquisition	A
Data Quality	A
Concepts for Spatial Thinking	A
GIS and Organisations	B
GIS Project	A
<b><u>Optional Modules:</u></b>	
Project Management	N/A
Database Theory II	A
Remote Sensing and GIS	N/A
Visualization	N/A

Date	Dean
November 2008	

**Grades:** Distinction (A), Good Pass (B), Average Pass (C), Satisfactory (D), Refer (R), Fail (F)  
**Overall Grades:** Passed with Distinction, Passed, Failed

# UNIVERSITY OF SOUTH AFRICA



We certify that

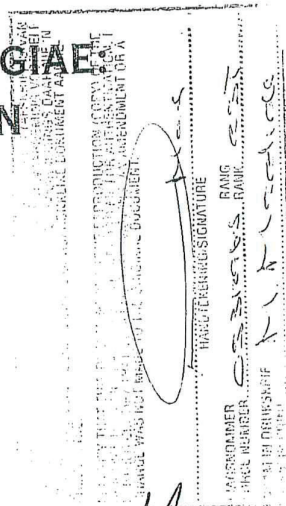
*Glenn Peter Mullett*

*having complied with the requirements of the Act and Statute  
of the Technikon SA, was issued with the*

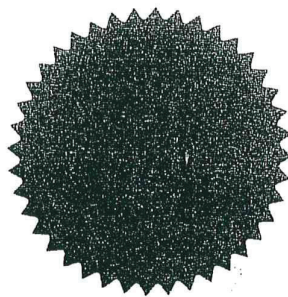
## BACCALAUREUS TECHNOLOGIAE NATURE CONSERVATION

*with effect from*

*01 December 2003*



Vice-Chancellor



Registrar

PRETORIA

The University of South Africa was established on 1 January 2004 in terms of the Higher Education Act of 1997 through the merger of Technikon SA and the University of South Africa





## CURRICULUM VITAE

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Company Name	Lidwala Consulting Engineers (SA)
Name	<b>Katie Sassenberg</b>
Date of birth	1976-06-02
Profession	GIS Specilaist
Position	GIS Specilaist
Start date with LIDWALA	May 2009 - Permanent full-time staff member
Relevant experience	19 years

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### Qualifications

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- National Senior Certificate – 1989 – Technical high school.
  - Courses Attended:
    - ArcView 9 Course, Midrand, 2003: ESRI (Environmental Systems Research Institute), GIMS (Geographic Information Management Systems)
    - ArcIMS Course. Midrand, 2004: ESRI (Environmental Systems Research Institute), GIMS (Geographic Information Management Systems)
    - Caddie Course. Midrand, 1993: ADVANCED COMPUTER SOLUTIONS (PTY) LTD
    - Caddie Professional Course. Midrand, 1994: ADVANCED COMPUTER SOLUTIONS (PTY) LTD
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### Specialisation

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- Design and implementation of corporate GIS database
  - Database Design and Administration
  - Spatial data capturing, analysing, maintenance and management of complex geo-database systems.
  - Skills training
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### Career summary

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- May 2009 – Present, **LIDWALA CONSULTING ENGINEERS** ([www.lidwala.com](http://www.lidwala.com)): GIS Specialist
- Aug 2005 – May 2009, **ENVIROGIS Pty Ltd** ([www.envirogis.co.za](http://www.envirogis.co.za)), (Environmental Solutions): GIS Technician. (Consulting & training).
- May 1996 – Aug 2005, **NETGROUP SA (Pty) Ltd** ([www.netgroup.co.za](http://www.netgroup.co.za)) – Consulting Electrical Engineers & GIS mapping: GIS Technician. (GIS & Cad Draghting)
- Jan 1992 – May 1996, **BIRD MACHINES (PTY) LTD** ([www.birdmachines.co.za](http://www.birdmachines.co.za)) (Mining Equipment Suppliers): Draughts person
- Jan 1990 – June 1991, **KEEVE STEYN CIVIL ENGINEERS** ([www.goda.co.za](http://www.goda.co.za)): Draughts person

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## Work Experience

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- Lidwala: GIS Specialist working on the Road Asset Management System (RAMS) for Mpumalanga Department of Roads and Transport, including GIS Data maintenance, interrogation and management together with creating customised maps and production as well as creating Open Geospatial Consortium (OGC) compliant Styled Layer Descriptor (SLD) schemas for the Web Map Service (WMS) element of the RAMS.
- Lidwala: Wetland delineation and riparian habitats of forestry plantations across Mpumalanga, Limpopo and Kwazulu-Natal. The essence of this project is to propose a structured wetland and riparian delineation procedure. Field methodology is outlined together with a supportive post-reporting process that includes spatial data (GPS and GIS) to accurately identify and delineate the spatial extent of wetland and riparian habitats with the intention of preventing past and future commercial afforestation transgressions occurring in sensitive areas.
- SAFCOL, I was involved with the development of a GIS to do a land capability study. The objective of the study was to determine the afforestation potential of available land in a buffer strip adjacent to SAFCOL's plantations & develop out grower scheme models to govern the afforestation. Analyses (financial & other) were done to determine the feasibility and most preferred structure to establish and manage the proposed Out Grower Scheme.
- SAFCOL: a study to determine the most effective way to apply Forestry waste for the production of Green Energy (Electricity). For this project we had to identify the different sources of Forestry Waste within a 100km radius from Sabie (Mpumalanga) and determine quantum and availability. We had to describe and motivate the method used to identify sources and estimate volumes of waste. A cost analyses was provided to determine if a delivered cost per ton for Forestry Waste over a 100km radius is feasible. This project was aimed at Sabie – Mpumalanga as a case study, to test the concept,
- Envirogis: I was a consulting GIS Technician for York Timbers, Komatiland Forest and SAFCOL (South African Forestry Company Limited). At these respective companies I was part of a team in developing Client Corporate Geo-databases making use of ArcSDE, Oracle and ArcIMS. After implementing the GIS I was responsible for the consulting and maintenance of the Corporate GIS.
- SAFCOL: I was involved in a Timber flow project and was responsible for the collection, analysis and categorisation of industry and field data relating to fibre-flow from Provinces, areas and catchments to the processing plants. I was further involved in the development of a model based on this data to draw required information (to calculate the current standing volume, and also the current available volume).
- Netgroup: I was involved in the Emalahleni Local Municipality feasibility study regarding a Utilities Network where I had to gather and combine existing hardcopy data, field data and electronic data to compile a turnkey feasibility GIS.
- Netgroup: the Mbombela land use management (spatial framework) System for Local Municipalities. I was part of a team to create a personal spatial database & responsible for the development & management of new, existing and field data.



## CURRICULUM VITAE

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Company Name	Lidwala Environmental & Planning Services
Profession	<b>Jennifer Howarth</b>
Position	Lawyer
Relevant experience	Legal Consultant 10 years

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### Qualifications

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- 1991 – B Proc - University of the Orange Free State
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### Specialisation

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- Environmental Legal Review and Advice,
  - Health and Safety Review and Advice
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### Career summary

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- 1 January 2004 to date - **Self – employed** – Legal Consultant
  - 2 September 1997 to 31 December 2003 - **De Beers Consolidated Mines Limited** - Legal Advisor
  - 2 November 1995 – 31 July 1997 - **Duncan & Rothman** - Professional Assistant
  - 1 July 1995 – 31 October 1995 – **Liebenbergs** - Professional Assistant
  - 14 November 1994 to 30 June 1995 - **Loots Steenkamp Incorporated** - Professional Assistant
  - 25 March 1994 – 31 May 1994 - **The Independent Electoral Commission** (Vryburg Area)- Mediator
  - 9 December 1991 – 28 February 1994 - **VENTER, BOOYSEN & FERREIRA** - Candidate Attorney
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<b>Present Appointment</b>	Principle Public Participation Manager
<b>Date of Birth</b>	21 April 1960
<b>ID Number</b>	6004210065088
<b>Nationality</b>	South African
<b>Education</b>	Matric
<b>Professional Qualifications</b>	Senior National Secretarial Certificate
<b>Professional Memberships</b>	None
<b>Field of Specialisation</b>	Public Consultation, Facilitation, Strategic Review and Project Management
<b>Languages</b>	English, Afrikaans

**Synopsis:** Nicolene has over the past 12 years established herself as an experienced and well recognized public participation practitioner, facilitator and strategic reviewer. She has project managed several high profile public participation projects and excel in not only stakeholder engagements but with humility for street level consultation. Nicolene first formed her own consultancy business in 1997 and joined SIVEST in October 2007. She now leads the public participation unit of the Company with insightful strategic thinking to ensure the delivery of highly professional and a target orientated public participation process to their clients as the project dictates. She also has sound knowledge of the Equator Principles especially in terms of the Public Participation Process required for projects that are funded internationally As the Principle Public Participation Manager, her proven leadership skills ensures the managing, development and motivation of the public participation team to achieve project objectives and to maintain high quality standards.

## PROFESSIONAL HISTORY

Oct 2007 – current

**SiVEST SA (PTY) LTD - Environmental Division: Public Participation Process Management**

Environmental Impact Assessments

- **Thyspunt Transmission Lines Integration Project: July 2007 - current**  
 Proposed construction of 5 x 400kV Transmission power lines between Thyspunt (near Oyster Bay) to Port Elizabeth (Eskom's existing Grassridge & Dedisa Transmission Substations), Port Elizabeth, Eastern Cape Province  
**Responsibilities:**  
 Project managing the Public Participation Process, including consultation with key stakeholders, authorities, communities and affected landowners
- **Transnet Coallink: March 2009 – current**  
 Transnet's coallink upgrade project from Ermelo to Richard's Bay - Class Application for a number of Basic Assessments and Environmental Impact Assessments (5 Applications), Mpumalanga and KwaZulu-Natal Provinces  
**Responsibilities:**  
 Project managing the Public Participation Process, including consultation with key stakeholders, authorities, tribal leaders and affected landowners
- **Evander South – Goldmine (Client: Turgis Consulting) (only Scoping Phase): February 2008 - Current**  
 Proposed establishment of a gold mine in Evander south and pipelines between the proposed new mining area and Harmony's existing gold mine infrastructures at Shaft 7, Evander, Mpumalanga Province  
**Responsibilities:**  
 Project managing the Public Participation Process, including consultation with key stakeholders, authorities, communities and affected landowners
- **Middelburg Water Treatment Plant (Client: Jones & Wagener Consulting Civil Engineers): June 2008 – current**  
 Water reclamation scheme for BHP Billiton Energy Coal South Africa (BECSA) in the Witbank / Middelburg area, Mpumalanga Province  
**Responsibilities:**  
 Project managing the Public Participation Process, including consultation with key stakeholders, authorities, communities and adjoining landowners
- **Madupe Borrow Pits (Arcus Gibb): December 2007 - current**  
 Establishment of borrow pits in Lepalale, Limpopo Province  
**Responsibilities:**  
 Project managing the Public Participation Process, consultation with key stakeholders, authorities, communities and affected landowners

- **Malelane Substation and Turn-in Transmission Power Lines: November 2006 – January 2008**

Proposed Construction of a New Malelane Substation and the Proposed Construction of a New Komatipoort-Marathon 275kv Transmission Power Line Turn-In of approximately 1.5km, Malelane, Mpumalanga Province

**Responsibilities:**

Project managing the Public Participation Process, including consultation with key stakeholders, authorities and affected landowners

Basic Assessments

- **Watershed-Mmabatho 88kV Power line (Client: Arcus Gibb): February – July 2009**

Required reapplication for an Environmental Authorisation of the distribution power lines between Mmabatho and Mafikent, North West Province, due to the lapse of time between the issuing of the ROD and start of construction.

**SiVEST SA (PTY) LTD - Environmental Division: Strategic Management / Review of Public Participation Process**

Environmental Impact Assessments

- **Westlake mixed used development in Modderfontein, Gauteng Province (Scoping Phase): July 2008 – March 2009**

Mixed use development comprises of a range of business, residential and associated, commercial and light industrial uses, as well as open space.

**Responsibilities:**

Strategic review of the Public Participation Process and facilitation of meetings

- **Kalagadi Manganese: May 2009 - current**

Establishment of a railway line and water pipeline in Hotazel, Northern Cape Province

**Responsibilities:**

Strategic review of the Public Participation Process

- **Mulilo Power Station (Client: Arcus Gibb): January 2009 - current**

Establishment of a coal fired power station near Musina, Limpopo Province

**Responsibilities:**

Strategic review of the Public Participation Process and facilitation of meetings

Basic Assessments

- **Skukuza Conference Facilities: February – October 2008**

Establishment of conference facilities at the Skukuza Rest Camp, Kruger National Park, Mpumalanga Province: February – October 2008

**Responsibilities:**

Strategic review of the Public Participation Process



- **Mercury-Zeus 765kV Transmission power lines**  
Construction Environmental Management Plan: 1<sup>st</sup> 100km - February 2008-May2008; Remaining section – May 2009  
**Responsibilities:**  
Strategic review of consultation process and landowner consultation
- **Randwater G7 Pipeline: May – November 2008**  
Construction of a water pipeline traversing the suburbs of Malvern East, Creston Hill, Primrose Hill and Primrose, Germiston, Gauteng Province  
**Responsibilities:**  
Strategic review of the Public Participation Process and facilitation of meetings
- **Randwater L5, K3 & K6 Pipelines: October 2008 – July 2009**  
Replacement of the existing L5 waterpipeline traversing the suburbs of Brakpan on the East Rand of Johannesburg and the the K3 and K6 pipelines, Brakpan, Gauteng Province  
**Responsibilities:**  
Strategic review of the Public Participation Process
- **Randwater Limeplant: May - December 2008**  
Dismantling and removal of kilns at Randwater's Zuikerbosch pumping station, Vereeniging, Gauteng Province.  
**Responsibilities:**  
Strategic review of the Public Participation Process

#### 24G Applications

- Unlawful construction of a manufacturing plant for the purpose of manufacturing pre-cast concrete barriers for temporary road construction works, Bridle Park, Midrand: December 2008

#### **SiVEST SA (PTY) LTD - Environmental Division: Strategic Management / Review of Consultation Process**

- **New Multi-Products Pipeline Project: February 2009**  
Liaison between construction company and community representatives regarding employment during construction of the multi-products pipeline, Mamelodi, Gauteng Province.

#### **SiVEST SA (PTY) LTD - Environmental Division: Facilitator**

- Middelburg SmancorCR Chemical Plant (Client: Environmental Science Associates) – Public Meeting: October 2007
- Majuba-Venus 765kV Transmission Power Lines (Client: Acer Africa) – Public Meetings: July 2008
- Ariadne-Eros 400kV Transmission Power Lines (Client: Acer Africa) – Public Meetings: July 2009

1997 – September 2007

**IMAGINATIVE AFRICA (PTY) LTD: Public Participation Practitioner (Self Employed)**

**Savannah Environmental**

• **Kyalami Strengthening Project: March 2008 – current**

Proposed construction of three 400kV Transmission power lines between the new substation and Eskom's existing Lulamisa Substation, Midrand, Gauteng

***Responsibilities:***

Project managing the Public Participation Process, including consultation with key stakeholders, authorities, residents and affected landowners, and identification of affected landowners.

• **Steelpoort Integration Project (Client: Eskom): April 2007 – February 2009**

Construction of a new Transmission Substation and a 400kV Transmission power line between Eskom Transmission's existing Merensky Substation and the newly proposed Transmission substation. The project also included a 400kV turn-in Transmission power line between the newly proposed transmission substation and the Duva-Leseding transmission power line.

**Bohlweki Environmental**

• **New Multi-Products Pipeline Project (Client: Transnet Pipelines): October 2005 – February 2008**

Expansion of Transnet Pipeline's pipeline capacity: Kendal Pump Depot (Mpumalanga Province) to Waltloo Pump Depot (Gauteng Province); Jameson Park – Langlaagte Pump Depot (Gauteng Province) and Coastal to Inland (Durban – Ladysmith – Vrede – Jameson Park).

***Responsibilities:***

Project managing the Public Participation Process, including consultation with key stakeholders, authorities, residents and affected landowners, and identification of affected landowners.

• **Mercury- Garona 400kV Transmission power line (Client: Eskom Holdings): March 2006 – November 2007**

Construction of a 400kV Transmission power line between Eskom's Mercury Substation (Free State Province) to Garona Substation (Northern Cape Province) – crossing the North West Province

• **Concentrating Solar Plant (Client: Eskom Holdings): March 2006 – September 2007**

Establishment of the proposed Concentrated Solar Thermal Plant (CSP) and related infrastructure (Northern Cape Province)

- **Hydra-Gamma 2 (Client: Eskom Holdings): November 2006 – December 2007**  
EIA for the proposed construction of a second 765kV Transmission power line between Eskom's existing Hydra- and Gamma Transmission substations
- **Komati Power Station (Client: Eskom Holdings): March – December 2005**  
Exemption from EIA for the Return-to-Service of the Komati Power Station, Witbank, Mpumalanga Province.
- **Luthuli Substation and 132kV Distribution power line (Client: Eskom Holdings): July 2005 – October 2006**  
Construction of a 132kV distribution power line between Eskom's existing Witkloof substation and the proposed new Luthuli substation in Carolina.
- **Matimba & Witkop Transmission Substations (Client: Eskom Holdings): December 2003**  
Construction of a 400kV Transmission powerline between Eskom's Matimba Substation (near Ellisras) and Witkop Substation (near Pietersburg), Limpopo Province
- **Ikaros Transmission substation and Associated 400kV Transmission power line (Client: Eskom Holdings): January – April 2002**  
New Ikaros Substation and Associated 400kV Transmission Line Infrastructure, Rustenburg, North West Province.
- **Gauging Weirs (Client: Department of Water Affairs and Forestry): September 2006 – March 2007**  
Construction of two gauging weirs in the lower Vaal (near Douglas) and upper Orange River (near Groblershoop), Northern Cape Province
- **Gautrain Rapid Rail Link (Client: Gauteng Department of Transport): April – September 2002**  
Alleviation of traffic congestion on the Ben Schoeman between Johannesburg and Pretoria and Johannesburg and OR Tambo International.
- **Platinum Highway Project (Client: South African National Roads Agency) January – July 2000**  
2<sup>nd</sup> Phase of the Platinum Highway Project (refer to Golder Associates for 1<sup>st</sup> phase). EIA for the proposed construction of the Platinum Highway between Pretoria (from the N4) and Botswana.

#### Naledzi Environmental

- **Soweto Integration Project (Client: Eskom Holdings): August 2007 – May 2009**  
New Eskom Transmission substation near Orlando (Quattro Substation) and associated 2 x 400kV Transmission power lines between the newly



proposed Orlando Transmission Substation and Glockner Substation (near Ennerdale, south of Lenasia), Gauteng Province

- **Etna-Glockner Integration Project (Client: Eskom Holdings): January 2007 – November 2008**

New double circuit 400kV Transmission power line between Etna Substation (near Rothdene, south of Meyerton) and Glockner Substation (near Ennerdale, south of Lenasia), Gauteng Province

**Golder Associates (Previously – Greyling Liaison & Manyaka Greyling Meiring)**

- **Eskom Holdings (Pty) Ltd – Long-term Coal Supply Study - Mpumalanga**

EIA for the Long-term coal supply to Eskom's Tutuka and Majuba Power Stations

- **The South African National Roads Agency (Client: Corporate Image) – Platinum Toll Highway – Gauteng & North West Provinces**

1<sup>st</sup> Phase of the Platinum Highway Project (refer to Golder Associates for 1<sup>st</sup> phase). EIA for the proposed construction of the Platinum Highway between Pretoria (from the N4) and Botswana

- **L&W Environmental (Client: Kynoch) – Mpumalanga Province**

IA for the establishment of a liquid fertilizing blending plant

- **Department of Water Affairs and Forestry (DWAf) – Mpumalanga Province**

Workshop Co-ordination: Technical and Advisory Committee. Purpose of workshop was to get key stakeholders involved in the establishing of a committee whereby water usage measurements can be discussed and guidelines drawn up.

- **Corporate Image (Client: Afrisun – Sun International) – Gauteng Province**

Proposed construction of the "Carnival City" Casino and Entertainment Centre, Brakpan

**Mark Wood Consultants**

- **Sasol Gas - Sasol/Arco Gas Pipeline Project – Mpumalanga Province**

Identification of stakeholders and affected landowners for the Scoping Phase of the EIA

**Industrial Development Corporation**

- **Maputo Iron and Steel Project – Mozambique and Mpumalanga Province**

Identifying and communicating with possibly affected landowners and various key stakeholder groupings in project area.



Landscape Dynamics

- **Eskom Holdings (Pty) Ltd – Anglo Platinum Western Limb Tailings Treatment Plan**  
Identifying affected landowners on the proposed route alignments