

<b>Present Appointment</b>	Environmental Scientist
<b>Date of Birth</b>	17 <sup>th</sup> April 1980
<b>ID Number</b>	8004170084085
<b>Nationality</b>	South African
<b>Education</b>	Northcliff High School (1993 – 1997), Rand Afrikaans University (1998-2002):
<b>Professional Qualifications</b>	B.Sc Earth Sciences (1998 – 2000) B.Sc. Honours Geography and Environmental Management (2001) M.Sc. Environmental Management (2002) Diploma in Advanced Project Management (Damelin 2005)
<b>Field of Specialisation</b>	Geology, Geography and Environmental Management
<b>Languages</b>	English (Home Language) Afrikaans (Secondary Language)

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**Synopsis**

Kelly joined SiVEST in February 2011 and is based in the Johannesburg Office in the capacity of a Senior Environmental Manager.

Kelly has extensive knowledge of the South African Environmental legislation as well as World Bank Guidelines and Equator Principles. She has been involved in several projects to which these skills have been applied. Kelly fills the role of a project leader and has led several large EIA's in addition to being an integral team player on several other EIA's being conducted by the company. Projects include full Environmental Impact Assessments as well as Basic Assessments. Kelly has managed projects including management of budgets and project schedules..

Through her time at SiVEST Kelly has acquired the following skills:

- Environmental Impact Assessment
- Environmental Management Plans and auditing
- Project Management (MS Project)
- Strategic Environmental Planning
- Environmental Compliance Monitoring
- Pre Acquisition auditing
- Environmental Training
- Rehabilitation

## Professional History

**Feb 2011 – date**

**SiVEST SA (Pty) Ltd: Environmental Division - Senior Environmental Manager**

Project leader, managing the finances, project schedules, and technical content of numerous projects in her capacity as a senior staff member in the division.

**Basic Assessments, Environmental Impact Assessments, Environmental Management Plans and Strategic Environmental Assessments:**

**Housing:**

- Umtali Development Managers (PTY) LTD – Social Housing Projects in Sasolburg and Secunda – Environmental Constraints Analysis.

**Infrastructure:**

- Environmental Constraints Analysis for four proposed Wind Farm Developments in the Eastern and Northern Cape Provinces for Mainstream Renewable Power SA.
- Environmental Impact Assessment Process for three proposed Wind Farm Developments in the Northern Cape Province for Mainstream Renewable Power SA.
- Review of the EIA for the Thyspunt Transmission Lines Integration Project (proposed construction of Eskom 400kV lines from the proposed Thyspunt Nuclear Power Station to Grassridge near Coega, Eastern Cape Province)

**June 2008 – Nov 2010**

**Kazakhmys Services Limited – Environmental Manager**

Kazakhmys is a Kazakh based copper mining company that is listed on the London Stock Exchange.

Responsibilities included:

- Environmental Management, related to the plans to develop two major (Greenfield) open pit copper/molybdenum mines with onsite concentrators in Kazakhstan.
- The International ESIA process and the Local Kazakh OVOS applications.
- Managed the Environmental Department and local and international consultants.

Responsibilities included guidance and coordination of the owner's team with regards to:

- Developing an ESIA for the Bozshakol project to international standards by coordinating and managing a team of external consultants and internal experts
- Developing a plan for development of the ESIA process for Aktogay Project
- Obtaining OVOS approval for both Bozshakol and Aktogay Copper Mines.
- Coordinating permitting requirements and approvals from Republic of Kazakhstan local and National agencies
- Developing internal programs to support international and Kazakh environmental standards for both projects

- Supervision of the environmental field works
- Coordination with other Kazakhmys project team members and external consultants to ensure appropriate and rigorous adherence to applicable environmental standards and regulations
- Communicating and educating both internal and external stakeholders with respect to the projects and their rigorous adherence to high environmental standards

**Aug 2007 – Mar 2008****Parson Brinckerhoff (Pty) Ltd - Environmental Team Leader**

Responsible for recruiting junior and senior environmental consultants, marketing and business development of the new environmental division. Responsible for the management of a team of 4 people, has won 4 projects for the new division and set up an office in Craighall.

Projects included:-

- Medupi Power Station, Eskom Generation – Environmental management on site during the construction phase.
- 400KV Transmission Powerline which is 150km in length for the Botswana Power Corporation in Botswana – Environmental Impact Assessment and Public Participation Process
- Responsible for assisting the department in being awarded the New Alcoa/Alcan development and plant project in Guinea, West Africa – Community development and Environmental Impact Assessment.
- ArcelorMittal Steel Capacity Expansion Project at the existing Plant, South of Johannesburg, South Africa. This involves an EIA and Public Participation.

**Sep 2005 – July 2007****Bohlweki Environmental (Pty) Ltd a group of SSI – Environmental Associate**

Responsible for the day to day functioning of her unit, which included work relating to projects, marketing and client management. The work involved the following:

- EIA Process Applications:
- Applications for Exemptions,
- Environmental Scoping Reports,
- Authority Consultation;
- Environmental Impact Assessments,
- Environmental Management Plans,
- Tendering and proposals;
- Public Participation and Stakeholder Engagement,
- Client Management, such as Eskom.
- Human Resource management; and
- Project Management and Budgeting.

### Projects:

- Impacts and Aspects Register for Transwerk, involved the identification of the aspects and the associated impacts for the Transwerk factory in Germiston;
- Eskom Transmission: Mercury – Garona 400kV Transmission Line, a distance of approximately 570 km.  
Included -Environmental Scoping Study for the proposed 400kV Transmission line between Mercury and Garona;  
Public Participation Process for the proposed 400kV Transmission lines between Mercury and Garona;  
Environmental Impact Assessment for the 400kV Transmission line between Mercury and Garona  
Environmental Management Plan for the proposed 400kV Transmission lines between Mercury and Garona.
- Petronet New Multi-Products Pipeline (NMPP) from Durban to Johannesburg, a distance of approximately 800 km. Kelly was the Project Manager for the Social work package on this project. Included:  
Environmental Scoping Study for the proposed NMPP;  
Public Participation Process for the proposed NMPP;  
Environmental Impact Assessment for the NMPP;  
Environmental Management Plan for the proposed NMPP;
- Eskom Generation: Steelpoort Pumped Storage Scheme Project. This is an Eskom Generation project and Kelly played the role of Project manager for the EIA on this project, which included:  
Environmental Scoping Study for the proposed project  
Public Participation Process for the proposed project;  
Environmental Impact Assessment for the project;  
Environmental Management Plan for the proposed project;
- SSI: Madagascar Landfill project, included:  
Environmental Screening Report
- SSI: Pan African Parliament project, included:  
Environmental Screening report
- Environmental Management Plan for the Grassridge – Poseidon 400kV Transmission Powerline for Eskom Transmission.

**Nov 2004 – Aug2005**

### **Cymbian Enviro-Social Consulting Services – Environmental Scientist**

At Cymbian, Kelly was responsible for the compilation of proposals and tenders and was involved in the Project Management of various environmental projects, including the following activities:

- EIA Process Applications:
- Applications for Exemptions,
- Environmental Scoping Reports,
- Authority Consultation;
- Environmental Impact Assessments,
- Environmental Management Plans;
- Public Participation.
- Environmental Management Programme Reports; and

- Auditing of Constructions sites,
- Project Management and Budgeting.

**Projects:**

- Update of the EMPR and compilation of the Social and Labour Plan, according to the new Mineral rights act, for Cullinan Diamond Mine;
- EIA for the upgrade of the Phalaborwa Entrance Gate and Construction of a SAEON Office Park in the Kruger National Park;
- Site Audits and reporting for the Construction of the SAEON Office Park in the Kruger National Park;
- Project Manager for the EIA process for a housing development based on sustainable development in the Cradle of Humankind, west of Johannesburg;
- The EIA process, involved mainly in the stakeholder engagement and public participation, for a 25km Dragline walkway for Xstrata Coal South Africa, in Mpumalanga; and
- Project Manager for the scoping process for a housing development in Noordheuwel, Mogale City, west of Johannesburg.

**June 2004 – Oct 2004****Eco-Elements Environmental Services Group**

Kelly was a founding member of Eco-Elements and conducted work as an Environmental Consultant. The company was registered and ran for 5 months, before the company was closed. Kelly compiled proposals and tenders and was heavily involved in the marketing of the company.

**Projects:**

- Planning and projections for the establishment of a Game Reserve in Swaziland;
- Water monitoring and management of industrial waste in Wadeville, east of Johannesburg.

**Jan 2003 – May 2004****EcoSat Environmental Services Group – Junior Environmental Consultant**

Conducted work for housing property developers, town planners, engineers, mining companies. This work involved the following:

- EIA Process Applications:
- Applications for Exemptions,
- Environmental Scoping Reports,
- Authority Consultation;
- Environmental Impact Assessments,
- Environmental Management Plans,
- Coordination of Specialist Studies,
- Site Investigations,
- Public Participation and
- Basic Geological Reporting.

Additional responsibilities included the marketing and promoting the company. Drawing up Terms of Reference for sub-consultants and tenders, she was

involved in the budgeting and forecasting of projects, in addition to Environmental Consulting.

**Projects:**

- EIA for the Clearwater Estates housing development in Boksburg;
- Involved in the appeal case for the Triple S Service and petrol station in Ermelo;
- Scoping process and EMP for the Brits Industrial Water Pipeline;
- Mini Scoping report and EMP for the Upgrade of the Rustenburg Sewage Plant;
- Environmental Management and water monitoring at Cobra Watertech;
- Bulk Water supply pipeline to low cost housing development in Hartbeespoort;
- Clean up and sealing of the floor at the SAPS scrap yard;
- Involved in the project team for the EMPR for President Steyn Gold Mine in Welkom;
- Involved in the project team for the EMPR for ERPM Gold Mine in the East of Johannesburg;