

**Proposed Position:** Environmental Assessment Practitioner

**Name of Firm:** E&D Consulting Services

**Name of Staff:** Paul Scherzer

**Profession:** Environmental/Social/Agricultural Development Consultant

**Date of birth:** 11 May 1972

**Years with Firm:** 10 years

**Nationality:** South African

**Membership in Professional societies:**

International Association of Impact Assessment (South African Chapter) - Certified Environmental Assessment Practitioner (Registration no. 0072/05)

Registered with the South African Council for Natural Scientific Professions (Registration no. 400030/05)

**KEY QUALIFICATIONS AND RELEVANT PROJECT EXPERIENCE**

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18 years' experience in:

- Environmental Management and Impact Assessments
- Social and Socio-economic assessments
- Agricultural and Food Security projects
- Community consultation and development
- Project Management

**INDUSTRY AND INFRASTRUCTURE ASSESSMENTS**

**Jinja Adventure Tourism Operators: Independent Socio-economic assessment (2013) Uganda.**

Appointed to undertake an independent socio-economic assessment on the impact of a new hydropower dam on adventure tourism operators on the Nile River.

**Thanda Tanzania: Peer review and revision of the EIA for a luxury villa on Shungimbili Island Marine Reserve (2013), Tanzania.**

Appointed to undertake a peer review, additional research and revise an incomplete environmental impact assessment undertaken for an exclusive Villa proposed on a four hectare island declared as a marine reserve in Tanzania.

**uThukela District Municipality: Kwanobamba Ezitendeni Rural Water Supply Scheme (2013 - current)**

Requested to undertake the screening and environmental authorisation process for a rural water scheme as well as water canal and sewage pipeline infrastructure upgrades.

**Department of Water Affairs – Mandlazini Agri Village sewer network (2013)**

Environmental consultant appointed to undertake the environmental impact assessment for the proposed sewage infrastructure upgrade for the Mandlazini township area.

**Department of Agriculture: Ingwavuma Abattoir (2011 - 2013)**

Environmental consultant appointed to undertake the environmental impact assessment for the proposed new abattoir and package plant situated in Ingwavuma to assist with the control of foot and mouth disease.

**Umzinyathi District Municipality: Ntini Rural Water Supply Schemes (2012)**

Appointed to undertake the screening and separate Basic Environmental Assessments for a proposed rural water scheme project involving pump stations, reservoirs, electrical lines and pipelines.

**BHP Billiton – Environmental authorisation for Hillside Aluminium ED-Village package plant (2011-2013)**

Environmental consultant appointed to undertake the environmental impact assessment for the proposed new sewage treatment plant for Hillside Aluminium's Enterprise Development Centre, being designed as a 'green building' and also to advise and monitor the environmental aspects during the project implementation.

**Uthungulu District Municipality: Kwahlohloko and Nkandla Rural Water Supply Schemes (2011) [Currently appointed as ECO and monitoring environmental compliance for construction on both]**

Appointed to undertake separate Basic Environmental Assessments for two proposed rural water scheme projects involving pump stations, reservoirs, electrical lines and pipelines.

**Confidential client – Environmental prefeasibility investigation of marine outfall, Mozambique (2011)**

An international industrial group considering a project in Mozambique appointed E&D to undertake an environmental pre-feasibility investigation on the option of disposing industrial waste via a marine outfall pipeline on the livelihoods of the coastal community and marine environment at Nacala.

**Tengile Sugar Estates: Dispute resolution and compensation (2011)**

Appointed to assist with environmental input and dispute negotiations to address the issue of the mine water seepage flooding the adjacent sugar cane fields.

**Sao Tomé/World Bank: ESMP and RAP (Republic of Sao Tomé and Príncipe) (2010-2011)**

Prepared the initial Environmental and Social Management Framework and Resettlement Policy Framework, in accordance with World Bank funding requirements, for the Republic of STP's participation in the ACE Submarine Cable project. Thereafter, completed the Environmental Management Plan and Resettlement Action Plan and calculated compensation payments and facilitated the payment and grievance procedures with the affected small-farmers.

**iSibindi Africa Lodges: Tonga Beach Lodge upgrade (2010 - 2011)**

Undertook impact assessment on the proposed upgrade of this tourism lodge situated within the iSimangaliso World Heritage Site.

**Larfarge Road: Proposed Road Realignment and Upgrade (2010-2011)**

Undertook an impact assessment on the realignment of a provincial road in order to allow mining to continue.

**Eskom SA: Venus Sigma Transmission Line: Environmental Impact Assessment (2010-2011)**

Environmental specialist responsible for preparation and drafting of the environmental impact assessment and mitigation plan for the proposed 765 kV transmission line.

**Telkom SA: WACS Submarine Telecommunications Cable (2010)**

Specialist appointed to review the EIA process and findings, gather, map and measure marine and fishing intensity data on the West Coast of South Africa and provide guidance to Telkom with regard to conflict resolution and negotiations with the fishing industry.

**Telkom SA: EASSy Submarine Telecommunications Cable (2008 - 2009)**

Project Manager for the Environmental Impact Assessment for the South African landing of the East Africa Submarine Cable System.

*[This project was selected by the Southern African Institute for Environmental Assessment as one of twenty case studies from Southern African to be presented in an e-book as examples of best practice in Environmental Impact Assessment and Strategic Environmental Assessment for the purposes of training and capacity building in environmental management.]*

**Mhlathuze Water/Forskor : Marine Outfall Pipeline (2006-2008)**

Consultant responsible for impact assessment and public participation for the upgrading of the industrial marine effluent pipeline and associated infrastructure in Richards Bay.

**Olifants River Water Resource Development Project (2004 – 2005)**

Core member of the environmental team for this water resource development project (De Hoop Dam and associated infrastructure) aimed at securing water for future mining development. Prepared Environmental Screening Report, coordinated specialist input and prepared Environmental Impact Report.

**SOCIAL, AGRICULTURE/FOOD SECURITY, RESETTLEMENT PROJECTS**

**Richard Bay Minerals Livelihoods Project (2012/3/4)**

Provided training and database support to a food security and livelihoods development project focussing on household food gardens, tunnels and rainwater harvesting.

**Royal Bafokeng Livestock Support Project (2013)**

Part of a team working with communal livestock owners within the mining area of the Royal Bafokeng's territory to address overgrazing and the over-utilized natural resource base and identify opportunities to link farmers into commercial market opportunities. Responsible for planning and designing participatory planning workshops with livestock owners to identifying opportunities and approaches to address overgrazing and other resource constraints.

**Mbazwana, Manzengwenya State Forest Business Plan (2013)**

Appointed as part of a team tasked with preparing a detailed business plan for the rehabilitation and handover of these state forests to the surrounding communities. E&D provided environmental input.

**Tendele Mine Hydroponics and Livelihoods Project (2012/13)**

Providing training, rural household market development and database support to a food security and livelihoods development project focussing on household food gardens, tunnels and rainwater harvesting.

**DWA: Pilot Expansion Phase of Rain Water Harvesting Programme (2008-2009)**

Family Food Production Manager responsible for piloting the expansion of the Department of Water Affairs's Rainwater Harvesting/Intensive Home Food Gardening Programme in Mzimela, KwaZulu-Natal and providing Food Production training and support to a team in the Free State, South Africa.

**Olifants River Water Resource Development Project: Monitoring and Evaluation (2008)**

Researcher appointed to prepare a social monitoring and evaluation framework against which the social impacts associated with the project could be tracked over time.

**MZ Technical Services: Mthonjaneni Land Reform Initiative (2008)**

Appointed to collect and collate forestry, agricultural and infrastructure data required for the business plan proposal and to prepare a report highlighting the community demographics, skills and economic

activity and the environmental, social and conservation issues associated with forestry, development of small-holder forestry growers and other rural-based development projects.

**DWAF/DFID: Implementation of the Community Empowerment Strategy to support the Draft Water Allocation Plan for the Mhlathuze Catchment (2006/2007)**

Project Manager responsible for the implementation of a catchment wide empowerment programme. Responsible for facilitating community input, workshopping irrigation, forestry and business opportunities, identifying constraints for successful uptake of allocated water supplies and preparing pathways for long term monitoring and support.

**Lamego Sugar Estate Outgrowers Scheme (Mozambique)(2005)**

- Liaison with estate personnel and local communities.
- Prepared Environmental/Social Screening Report.

**Lake Matsamo Community Restoration and Development – Phase 1&2 (Swaziland) (2001-2004)**

Environmental/Community Liaison team leader for this project aimed at restoring livelihoods of resettled communities. Responsible for:

- Coordination of community consultation team.
- Preparation and Implementation of Resettlement Action Plan.
- Coordinated involvement and discussions between community and engineering teams.
- Managed appointment, activities and budget of capacity-building training component.
- Liaison with government departments and other stakeholders.

**Small Outgrowers Irrigation Production Project (Malawi) (2002)**

- Liaison with government officials, estate personnel and local communities.
- Prepared Environmental/Social Report and Management Plan.

**Trojan Platinum Mine (2000)**

- Liaison with government officials and local communities.
- Assessment of social and socio-economic impacts of mine development.

**Tati Nickel Mine Socio-economic Assessment (Botswana) (1999)**

- Liaison with government officials, mine personnel and local communities.
- Assessment of social and socio-economic impacts of mine expansion.

**Thukela Water Project (1997 – 2000)**

- Principle field member of the Public Involvement Team.
- Liaison with affected private landowners and community members.
- Working group meeting facilitation.
- Assistance to specialist team members in the field.

**Various Land Reform Projects (1998-2000)**

- Consultation with land reform beneficiaries.
- Assessment of agricultural feasibility and options.

**RESEARCH PROJECTS**

**Isimangaliso Wetland Park: Agricultural and forestry land and water use within the Zone of Influence (2010 - 2011)**

Research consultant appointed to map in GIS the change over the past 30 years in agricultural and forestry activities within the World Heritage Park's zone of influence and, in the relation to catchment hydrology and groundwater flows affected, propose feasible development set-back lines with regard to groundwater hydrology, ecology, livelihoods and the socio-economic environment.

**iSimangaliso Wetland Park: Survey of the tourism-related informal sector in the Park (2009)**

Research consultant appointed to interview and survey the informal economic sector related to tourism and identify trends and linkages with the formal sector economy.

**United Nations Environmental Programme: Dams and Development Project (2006)**

Supported Dr R-D Heinsohn, the researcher, by reviewing the social impact assessments undertaken for various large dams in 15 developed and developing countries to identify and compile examples of best practise.

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**EDUCATION:**

**2010-2015: University Oberta de Catalunya, Spain**

MA Food, Society and International Food Governance (specialising in Food Security, Food Systems Assessment, and Impact Assessment of Development Projects)

**1994: University of Natal, Pietermaritzburg**

BSc (Agric) Majoring in horticulture

**1989:** Matriculation with exemption

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**EMPLOYMENT RECORD:**

2006 - current: **E&D Consulting Services**  
Managing Member

1997 – 2005: **ACER (Africa) Environmental Management Consultants**  
Environmental Consultant

1997: **Volunteer Employment**

1995 – 1996: **Overseas Trip**

1994: **Real Landscapes**  
Contracts Manager/Installation of Commercial Landscape Gardens.

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**LANGUAGE SKILLS:**

Language	Reading	Speaking	Writing
English	Excellent	Excellent	Excellent
Afrikaans	Poor	Poor	Poor

A complete list of projects and publications is available on request

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**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.



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01/07/2015

Signature of staff member

Date

Full name of staff member: Paul Jonathan Scherzer \_\_\_\_\_

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