

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: 11 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)
Member of the South African Monitoring and Evaluation Association (SAMEA)

KEY QUALIFICATIONS AND RELEVANT PROJECT EXPERIENCE

20 years experience in:

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

RELEVANT PROJECTS**Eskom SA: Isundu 8/18 Substation and loop-in and Loop-out Transmission Lines Environmental Impact Assessment (2014- current)**

Environmental specialist (subcontracted as part of ACER (Africa)'s team) to undertake the authorisation process, manage specialist studies, and prepare the environmental impact assessment report for this proposed sub-station site.

DoT: Social Impact Assessment of Mashunka and Ngubo Community Access Road and Bridge (2014)

Specialist appointed to undertake a Social Impact Assessment on the proposed bridge and road alternative upgrades proposed within these rural communities.

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.

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.

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.

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.

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.

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.

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: 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.

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.

Eskom Beta Delphi 400kV Transmission Line (2000)

- Conducted Public Involvement Programme.
- Prepared Social Impact Assessment

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.

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

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.

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

Certification:

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



Signature of staff member

30/08/2017
Date

Full name of staff member: Paul Jonathan Scherzer_____

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