

Louise-Mari van Zyl

2023



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EDUCATION

University of Stellenbosch

Masters: Geography & Environmental Studies
2006

BA Honours: Geography & Environmental Studies with GIS
2001

BA Geography & Environmental Studies
2000

PROFESSIONAL REGISTRATION

Registered Environmental Assessment Practitioner (EAP) with the
Environmental Assessment Practitioners Association of South Africa
(EAPASA) – Reg. No: 2019/1444

PROFESSIONAL SOCIETIES

Member of International Association of Impact Assessments South
Africa (IAIASa)

WORK EXPERIENCE

Managing Director | Cape EAPrac, George

2008 – Present

Temporary Lecturer: Environmental Management | Nelson Mandela University, George campus

2019 – Present

Expert Advisory Board Member: Environmental & Development Planning, South Cape TVET College

2023 – Present

Senior Environmental Consultant & Public Participation Facilitator | Doug Jeffery Environmental Consultants, Paarl

2007 - 2008

**Senior Environmental Consultant & Public Participation Facilitator |
HiLand Associates, George**

2002 – 2007

CORE COMPETENCIES

Practicing as an EAP since 2002 I have gained experience with a variety of projects working in the **Eastern Cape, Western Cape, Kwazulu Natal, Gauteng and Northern Cape Provinces.**

My work requires of me to be acquainted with relevant local and international conservation / environmental, as well as planning management policies and legislation, least of which are the National Environmental Management Act, National Environmental Management Waste Act, National Environmental Management Air Quality Act, National Environmental Management Biodiversity Act, Integrated Coastal Management Act, Protected Areas Act, Outeniqua Sensitive Coastal Areas Regulations, the 2014 Environmental Regulations, National Water Act, National Heritage Resources Act and numerous conservation related regulations and guidelines that form the basis of environmental management.

In addition to being the senior EAP on various applications, I am also responsible for overseeing applications handled by all of *Cape EAPrac's* staff, as well as the review of reports prior to submission for consideration by the competent authorities.

Management of and liaison with a variety of specialists, Clients, Organs of State and Authorities form a large component of my daily responsibilities in the form of project management to ensure quality and time/cost management.

It is my responsibility to ensure training and orientation of all incoming staff at *Cape EAPrac*.

As temporary lecturer at the NMU George campus I lecture Environmental Management I (Nature Conservation). In addition to facilitating classes, I am responsible for compiling, as well as marking, of all tests, summary assessments, exam papers and tutorials. Integrating field work and practicals with students, as part of my permanent occupation as an environmental assessment practitioner, creates opportunities for practical experience for the students in environmental management.

Serving on the South Cape TVET College Board as an Expert Advisor on Environmental & Development Planning involves considering existing and future proposals for development of the six (6) local campuses.

PROFFESIONAL PORTFOLIO

ENVIRONMENTAL IMPACT ASSESSMENT, BASIC ASSESSMENT & EMP'S

- **Infrastructure:** Overhead transmission lines with associated substations (standalone or associated with renewable energy projects), construction and expansion of roads, flood damage road rehabilitation, stormwater retention facilities, sewage works, potable water supply networks, stabilization projects, coastal erosion protection measures.
- **Human Settlements:** Facilitate various scale residential developments with associated infrastructure. Environmental expert on the Eden PRT project team from 2012 (ongoing) facilitating various scale subsidized housing projects (upgrades and green fields) for Knysna Municipality, Oudtshoorn Municipality, George Municipality and Mossel Bay Municipality.

- **Renewable Energy:** Facilitating various applications for Wind Farms, Solar Farms, Biogas Waste-to-Energy and Composting applications.
- **Agricultural:** Applications for the construction and expansion of abattoirs of various scales, feedlots, piggeries and orchard establishments.
- **Integrated environmental management:** Environmental management and maintenance plans, environmental monitoring & control functions, environmental auditing.

WASTE MANAGEMENT LICENCES

- **Waste Management Licenses:** Facilitating applications for feedlots, dairy's, waste water discharge for the handling/treatment and disposal;
- **Applications for** composting and anaerobic biogas waste-to-energy projects with organic material at dairies, feedlots, abattoirs and fruit juice factories.

WATER RELATED

- **Desalination:** Application for 1.5Mgl beach intake desalination plant for Knysna Municipality and 300kl reverse osmosis desalination plant at Witsand. Including impact assessment, construction monitoring as well as operational and maintenance control functions since installation.
- **Dams:** Various applications for the construction of new storage dams and reservoirs for Municipal water supply and agricultural irrigation practices.
- **Water supply and storage infrastructure:** Installation of gabions, pipelines and reservoirs for water storage.

AIR EMISSION LICENSES

- **Air Emission Licenses:** Facilitating applications for sawmills, wood drying facilities, tanneries, brick manufacturing (clamp & vertical shaft kilns), asphalt manufacturing (macadam processes), rendering plants, coal dust fallout management, bitumen emulsion, creosote processes, as well as renewal of existing licenses and conversion of old APPA permits..

SECTION 24G RECTIFICATION APPLICATIONS

- **S24G processes:** Facilitating rectification assessment processes for listed activities that commenced unlawfully ito NEMA, NEMWA and NEMAQA (ranging from roads, storm water infrastructure, vegetation clearing, construction activities, air emission generation activities, waste management activities, wetland/riparian disturbances, dams).

ACADEMIA

- **Part-time lecturer** at the Nelson Mandela University (George Campus) teaching Environmental Management.
- **Expert advisor** on environmental development planning at the Southern Cape TVET College.

OTHER

- **Coastal Discharge permits:** Applications for various existing commercial factories in the Mossel Bay Harbour and Witsand Desalination Plan ito the Integrated Coastal Management Act (ICMA) for discharge of their effluent.
- **Environmental Control & Management:** (ECO) Management of construction activities to ensure compliance with environmental approvals and environmental management plans.
- **Rehabilitation:** Rehabilitation plans for disturbed areas and rivers/riparian areas.

- **Norms & Standards:** Assisting the South African National Biogas Industry Association (SABIA) and GIZ with the development of the **Norms & Standards for Organic Waste** in South Africa; as well as
- Assistance to the **National Red Meat & Abattoir Association (RMAA)** with formulating Norms & Standards for Red Meat Abattoir waste, focusing specifically on anaerobic digestion through biogas, composting, alkaline hydrolysis and micro-rendering.
- **Environmental awareness & training:** Induction of contractor teams and labourers associated with alien clearing projects, rehabilitation projects, construction projects, as well as school groups for site inspection and environmental awareness outings.