

Michele Kilbourn Louw

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SUMMARY OF CAPABILITIES

- 20 years as environmental scientist/consultant/project manager for exploration, feasibility and development of large multifaceted green- and brownfields mine construction projects and linear infrastructure.
- 7 years in business management consultancy, facilitating organizational change and process productivity improvement in various industries, including mining, retail and manufacturing.
- 8 years as a geologist and career education officer in the mining industry.

Environmental Project Management and Integration

- Environmental manager responsible for project permitting, especially the environmental authorisations, ensuring the integration of environmental controls into the engineering design, construction, operations and closure for large mines and associated infrastructure. Two were complex Greenfields projects in remote, ecologically sensitive locations in Namibia.

Manager and Consultant

- Manager – project area and department; team member in engineering projects and environmental and management consulting. Strategy, marketing, recruitment, budgets, coaching, systems. Co-ordinator for scientific biodiversity studies including *Welwitschia mirabilis*. Managed an environmental advisory in Namibia.
- Consultant (Environmental) - managed EIAs and EMPs to Equator Principles and World Bank standards: developed, implemented, audited environmental management systems, also ISO 14001: Consultant (management) - industries such as retail, production, maintenance, manufacturing and mining. Improved management information systems, productivity improvement, training and development, strategy, organizational change.

Stakeholder Communication

- Engage with, and present to, all levels of an organization, government officials, tourism, communities and surrounding land owners, teachers and scholars – sustainability initiatives and reports, conference presentations, induction material and educational material.
- Analysis of environmental issues by reviewing and editing scientific reports and writing articles and reports for projects and interest group newsletters.

Geologist

- Understanding of exploration and mining industry processes and potential environmental pollution issues.

Other

- Competent with Microsoft office, MS projects, GIS
- Input to EHS-M system in SAP, EMS auditing and implementation of ISO 14001
- Occupational Health and Safety understanding
- Excellent English, adequate Afrikaans

EXPERIENCE

- Sept 2016 – Feb 2018 **Biodiversity Advisor to Swakop Uranium:** - Review, enhancement and integration of sub-contractor and in house monitoring systems to improve environmental management responses.
- June 2015 - present **Short term assignments:** - Waste management system for Husab Mine, external reviewer of EIRs, pro bono and volunteer work.
- Jan 2010 – Oct 2014 **Swakop Uranium - Husab Project (Namibia)**
Environmental manager for Swakop Uranium from exploration through feasibility to operations for the Chinese-owned Husab Project within the Namib Naukluft National Park in an area of rich biodiversity, heritage and tourism. Project received 2 NBRI awards for protection of biodiversity.

- Jun 2008 – Jun 2015 **Omitiomire Copper Project (Namibia)**
Owner's team environmental advisor during the scoping, environmental assessment and the definitive feasibility study phases.
- 2005 - 2010 **Environmental Management for New Mining Projects (South Africa)**
Kolomela Project (Sishen South) for Kumba Iron Ore, Wesizwe Platinum, Barplats / Eastern Platinum (Crocodile River Mine, Spitskop & Mareesberg), Impala Platinum No 17 Shaft Project.
- 2004 - 2007 **Environmental Assessment Projects (South Africa)**
South African Weather Services - weather radar near Skukuza - the project was shortlisted for the Lowveld Chamber of Business and Tourism environmental award in 2006; Environmental assessments for various mines and quarries.
- 1997 – 2003 **Skorpion Zinc Project**
Environmental consultant and manager from exploration through feasibility to operations for Anglo Base Metals' Skorpion Zinc Project in southern Namibia. The Project was awarded the 2003 IAIA National Premium Award for excellence in environmental management.
- 1999 - 2002 **eco.plan (Pty) Ltd Namibia – Manager (Namibia)**
Established, marketed and managed an environmental consultancy, eco.plan (Pty) Ltd, in Windhoek, on behalf of Walmsley Environmental Consultants.
- 1997 - 1999 **Walmsley Environmental Consultants - (Merged with WSP) – (South Africa)**
Environmental scientist and senior consultant.
- 1990 - 1997 **Management Consulting**
Management consultant for SA-based Byrne Fleming, Kresta Hague and Compument Systems.
- 1988 - 1989 **Geobusiness Services cc - Owner**
Geological projects and marketing services for mining industry.
- 1986 - 1988 **Chamber of Mines South Africa - Manpower and Education Officer**
Development of educational materials for colleges, universities and teachers.
- 1981 - 1985 **Gold Fields of South Africa - Geologist**
Sedimentology, field mapping, borehole data base collation for gold and coal. managed a coal exploration field camp for Gold Fields in 1983.

Prof. Associations: Member – Geological Society of South Africa
Member – International Association of Impact Assessors (IAIA)
Member – Land Rehabilitation Society of Southern Africa (LaRSSA)
Registered as environmental practitioner, reviewer and manager for EAPAN (Namibia)

EDUCATION

B.Sc.	Geology, University of Kwa-Zulu Natal, Durban	1980
B.Com. Hons.	Human Resource Development, University of Johannesburg (RAU)	1994
P.G Dip Sci.	Post Graduate Diploma in Science, WITS	2006

OTHER

2017 Land Rehabilitation Society of South Africa - Continuing Professional Development: (SAICEenv17/02162/17)
2016 Short course - Occupational Health and Safety, UCT
2016 Land Rehabilitation Society of South Africa - Continuing Professional Development: (SAICEot16/01991/16)
2001 IEMA accredited Environmental Management Systems Implementation Course, WSP (5 days)
2001 IEMA accredited Internal Environmental Management Systems Auditing Course, WSP (5 days)