

JOSEPH MÜLDERS (Pr.Sci.Nat.)

SENIOR ENVIRONMENTAL SCIENTIST

Joseph Mülders is Senior Environmental Scientist based at Knight Piésold's Sandton office. He has 9 years of experience in the environmental services industry and is a registered Professional Natural Scientist (Environmental Science). Joseph has been involved in social and environmental risk, safeguards assessments and monitoring, spatial classification of socio-economic and environmental systems. He was appointed by the South African National Department of Environmental Affairs where he was responsible for developing and implementing the Social and Environmental Risk Management Program for a large 5 year multi-stakeholder GEF funded project. He specialises in environmental due diligence, impact assessments and risk analysis, environmental monitoring, rehabilitation and offset quantification and design, stakeholder consultation, environmental monitoring and compliance. Joseph has experience in various African countries in terms of delivering projects to international best practice standards focusing on socio-economically sustainable development and management of natural resources.



Knight Piésold (Pty) Ltd.
South Africa

REGISTRATIONS / CERTIFICATIONS

- South African Council for Natural Scientific Professions (SACNASP), Pr.Sci.Nat. Reg No. 115316

SPECIFIC RELEVANT EXPERIENCE

- **DFFE/UNDP/GEF6 Fill Sized Project, South Africa:** Developed and implemented the Social and Environmental Risk Management Program, designed and implemented the project wide integrated monitoring and evaluation plan. Acting Project Manager for 4 months
- **DFFE/IUCN/GEF7 Full sized Project, South Africa:** Project design and developed the Environmental and Social Management Plan (ESMP)
- **uThukela Water Resource Classification System (WRCS), South Africa:** Coordinated the classification and quantification of socio-economic impacts to communities as linked to changing water allocation scenarios
- **Loulo, Gounkoto and Morila Gold Mines, Mali:** Biodiversity Offset (Quantifying residual impacts and proposing mechanisms for internalising costs of impacts back into the biodiversity capital value of Mali)
- **Kibali Gold Mine, DRC:** Biodiversity Offset (Develop a biodiversity offset based on the past, current and future biodiversity impacts and benefits since the start of operations)
- **Makuya Nature Reserve, South Africa:** Park Management Plan (Systems ecologist and spatial planner)
- **Kusile Power Station, South Africa:** Scoping and Basic Assessment, including public consultation and environmental specifications (EAP)
- **Kusile Power Station, South Africa:** Wetland Rehabilitation Strategy (Baseline assessment, condition analysis and strategic design)
- **Kusile Power Station, South Africa:** Wetland Offset Strategy (baseline assessment, stakeholder engagement, offset quantification and strategy design)
- **Kusile Power Station, South Africa:** Turbidity Management Strategy - monthly and quarterly water quality sampling, analysis and reporting

WORK HISTORY

Company Name	Position	Dates
Knight Piésold (Pty) Ltd	Senior Environmental Scientist	July 2023 - Date
South African National Department of Forestry, Fisheries and Environment	Deputy Director	2021 - 2023
Prime Africa Consult	Systems Ecologist	2014 - 2021

EDUCATION

- MSc, Environmental Management, University of Pretoria, South Africa, 2015
- BSc (Hons) Environmental Management and Analysis, University of Pretoria, South Africa, 2009
- BSc, Zoology, University of Pretoria, South Africa, 2008

SPECIALISATIONS

- Environmental monitoring
- Rehabilitation and offset quantification design
- Stakeholder Consultation
- Environmental due diligence
- Impact assessments and risk analysis
- Project management

COUNTRIES OF WORK EXPERIENCE

- Malawi
- Mali
- Mozambique
- South Africa
- Uganda

lima@iway.na
limamaartens@gmail.com
+264 61 255750
+264 81 2458790
Windhoek, Namibia

Skills

Environmental Scoping
Environmental Impact Assessments
Environmental Management Plans
Environmental Auditing
Environmental and Social Due
Diligence & Legal Compliance
Technical Reviews & Proofreading
Project Management
Research & Monitoring

Education And Training

2000

Ph.D.: Fisheries Science

Rhodes University

Grahamstown, South Africa

1992

B.Sc. Hons: Animal Physiology

Stellenbosch University

Stellenbosch, South Africa

1991

B.Sc.: Zoology and Physiology

Stellenbosch University

Stellenbosch, South Africa

1987

Senior Certificate

Windhoek High School

Windhoek, Namibia

Languages

Afrikaans: First Language

English: Proficient

Membership in Professional Bodies

Associate Membership and
Associate Environmental Auditor -
Institute of Environmental
Management & Assessment
(IEMA), United Kingdom
Lead Practitioner, Practitioner,
Reviewer - Environmental
Assessment Professionals of
Namibia (EAPAN)
Full Member - Namibian Chamber
of Environment (NCE)
Member - Namibia Scientific
Society

Lima Maartens

Summary

I have 30 years' experience in natural resource management, lecturing, environmental science and management, and consulting. Sectors that I worked in as an Environmental Assessment Practitioner include: exploration (including offshore oil and gas); mining and quarrying; renewable energy (solar and wind); tourism; manufacturing; agriculture; aqua- and mariculture; township, property (including medicine storage facilities) and waterfront developments, transport (rail and road), and infrastructure.

Employment Record

LM Environmental Consulting – Environmental Assessment Practitioner

10/2009 – Current; Windhoek, Namibia

Valencia Uranium (Pty) Ltd – Environmental Manager

09/2006 – 09/2009; Windhoek, Namibia

De Beers Marine Namibia (Pty) Ltd – Senior Environmental Scientist

01/2004 – 08/2006, Windhoek, Namibia

Simonis Storm Securities – Analyst

09/2002 – 12/2003, Windhoek, Namibia

University of Namibia – Lecturer

10/2000 – 06/2002, Windhoek, Namibia

Ministry of Fisheries and Marine Resources – Fisheries Biologist

01/1993 – 09/2000, Swakopmund, Namibia

Additional Skills

Oxford Climate Society, Oxford School of Climate Change: *Completion of the nine-week School of Climate Change* (2022)

SHEilds Ltd., United Kingdom: *NEBOSH Certificate in Environmental Management* (2018)

NOSA, Windhoek, Namibia: *Applying SHE (Safety, Health, Environment) Principles and Procedures* (2012)

Centre for Environmental Management, Potchefstroom, South Africa: *Introduction to Integrated Waste Management for Environmental Managers* (2009)

The Chamber of Mines of Namibia, Uranium Stewardship Committee, Namibia: *Radiation Course for Senior Supervisors* (2009)

Prospectors and Developers Association of Canada (PDAC): *From theory to practice: Corporate social responsibility and sustainable development in mineral exploration* (2007)

Crystal Clear, South Africa: *IEMA Approved Foundation Environmental Auditor* (2006)

Centre for Environmental Management, Potchefstroom, South Africa: *Implementing Environmental Management Systems (ISO 14001:2004)* (2005)

University of Stellenbosch Executive Development: *Project Management* (2004)

Publications

I have published five peer-reviewed scientific research articles (and three as co-author), six popular articles (and one as co-author), one book chapter (and one book chapter as co-author), 158 technical reports (LM Environmental Consulting), three technical reports (for De Beers Marine Namibia), and one conference paper.