



BIOGRAPHICAL RECORD

Name:	Celester Luzaan Harker	Nationality:	Namibian
Profession:	Environmental Consultant	Year of Birth:	1988

Career Summary

I am a trained environmental specialist active in the environmental consulting industry for more than 10 years in various positions in various professional organisations. I founded T.E.S. in 2015 which operates in the Agricultural, Land-use Development, Construction, and Mining Industries locally and within Africa. We provide project screening, scoping, impact assessments and public consultation, environmental management plans, operational permitting and site environmental monitoring and evaluation services to our clients in these industries.

As a consulting company we also provide environmental screening and scoping input into pre-feasibility and bankable feasibility studies as well in partnership with a pool of independent professional associates. One such an example of work of this nature was the collaboration with The British Government's Department for International Development (DFID) on the bankable feasibility study for the Rehoboth (Namibia) Wastewater Treatment and Reuse Project for funding purposes.

In 2018, T.E.S collaborated with the Kareeboo Consulting Group to conduct business strategic plans development, coaching and training as well as multi-facetted project HR work for corporate clients, while still maintaining the environmental management portfolio.

Key Skills/Recent Achievements with a project-specific example

Environmental Awareness: Conducted an Environmental Risk Assessment with an international team for the Akoga Company in Equatorial Guinea and approved by the World Bank in 2016 to fund the expansion of the mine. This project required a clear understanding of ecosystem functioning and the intricate interrelationship of the ecosystems with project components, including the social environment.

General Project Management and Environmental Impact Assessments: As an environmental project manager I have learnt to streamline project components (direct/active and contingencies) with timelines to achieve a set of deliverables. But more importantly is the vision, mission and objective of the project that must be made clear and understandable to all involved, both within the project team and the I&AP's (public consultation). This is a skill necessary for all projects that I embark upon.

Environmental inspections and audits: Managed and conducted the environmental audits on the construction and renovation activities of 21 public schools across Namibia under the ETQIIP Project administered by the Ministry of Education, Arts and Culture and funded by the African Development Bank. Recently appointed as the ECO for the Hyphen Hydrogen Energy meteorological masts construction project, Tsau //Khaeb National Park, Karas Region.

Researcher: By utilising a concise impact identification methodology, I have successfully completed an Environmental Impact Assessment for a new diamond mining operation (Hallie Investment No14) in the south of Namibia in 2017. This project showed the potential for non-marine diamond mining in the Namibian context and the first of its kind to be approved under the Namibian Environmental



Management Act.

Career history

May 2023 – To date **TLSP ENVIRO SERVICES (TES)**
Environmental Assessment Practitioner

On-site environmental air quality monitoring, site EMP compliance inspections, Hydrocensus, as well as environmental permitting – DMD (Pty) Ltd – Ongoing.

Environmental management consulting services provided to Hashtag Properties related to the full suite of necessary environmental permitting requirements for estate development projects on private farmland.

Environmental Clearance Certificate renewals conducted for a mining licence (ML) and mining claims, Kunene and Karas regions: DMD (Pty) Ltd and Mr. and Mrs. Beukes (MC's holders, respectively).

Ongoing public participation for KoBold Metals Namibia (Pty) Ltd for the ECC application for EPL 9055, Kunene Region in partnership with Alliance Environmental Consultancy CC (Ms. Lovisa Amwele).

On-site Environmental Control Officer portfolio and ministerial reporting conducted for Hyphen Hydrogen Energy (Pty) Ltd for the construction of ten meteorological masts in the Tsau //Khaeb National Park, Karas Region.

June 2020 – March 2023 **ENVIRONMENTAL COMPLIANCE CONSULTANCY (ECC)**
Environmental Assessment Practitioner

Within this role I led the ESIA process for a number of projects during my tenure at ECC, of which the bulk of these projects were for exploration and mining companies (i.e. Votorantim Metals Namibia, Kuiseb Copper Company, QKR Navachab Gold Mine TSF 3, and Uis Tin Mine amongst others). I conducted the social impact assessment for the Osino Resources Gold Mine Project. A parallel and secondary work stream involved the monthly construction monitoring and audit of the railway construction project from Walvis Bay to Kranzberg funded by the African Development Bank (2020 – 2022) and led by Bigen Namibia. During my tenure at ECC, I was also exposed to linear infrastructure EIA projects for example, the Okanguati water pipeline project EIA update and the proposed transportation of zinc sulphide concentrate from the Oranjemund border to the Namzinc refinery, Karas Region.

April 2018 – 2019 **KAREEBOO CONSULTING GROUP**
Senior Associate Consultant

I was responsible for business viability analysis, operations management and multi-sectoral project management.

January 2017 – March 2018 **WOOLWORTHS NAMIBIA (PTY) LTD WINDHOEK**
Operations Manager

Responsible for managing business/ branch assets, expenses (budget control), People/staff, training and development of staff (IPM's, succession planning, etc.), managing logistics and overall maintenance and customer service, legal compliance in line with the Occupational Health and Safety Act.



I assisted the Woolworths in-country operations management department to implement and upkeep operational compliance standards (OHASA) and policies across all stores in Namibia.

I assisted with the successful execution of the operational plan to open up a new Woolworths store in the Dunes Mall (Walvis Bay).

**January 2017 – March 2018 T.E.S
Founder and Senior Environmental Assessment Practitioner**

Managing company assets; financial management; risk and impact assessments and scientific research report compilation; project management; reviews and auditing, and legal compliance.

Projects Completed and/or Active

Client: Somika-Sarl Cobalt and Copper Mine, Lubumbashi District, DRC (Cobalt & Copper Mining)

Conducted the site evaluation of the mine and compiled the environmental risk assessment and audit documentation for its operations as part of an international delegation managed by Falcon Resources (Pty) Ltd.

Year: 2018

Client: TRG WITKRANS MINING COMPANY (Copper & Gold Mining)

The continuous updating of the project's EMP which is necessitated by the phased expansion of their exploration activities.

Year: 2018 ongoing.

Client: MERTENS MINING COMPANY (Copper Mining)

The updating of the existing environmental scoping assessment and EMP reports to match their newest operations on site.

Year 2018 and 2020.

Client: HALLIE INVESTMENT NUMBER FOURTEEN (Diamond Mining)

Conducted the environmental scoping assessment process and developed the associated scoping report, plus impact assessment and the EMP reports for an inland diamond mining operation, Karas Region, Namibia.

Year: 2017

Client: DAUREMAS MINERAL DEVELOPMENT (PTY) LTD (Tin, tantalum and lithium Mining)

ESIA update and finalisation of the environmental application process for the proposed mining activities for the Daure Mine, Kunene Region.

Year: 2016.

Client: TRG WITKRANS MINING COMPANY (Copper & Gold Mining)

Conducted the environmental scoping assessment process and developed the associated scoping report, plus impact assessment and the EMP reports for the TRG Witkrans Mining Company.

Year: 2015



June 2012 – August 2015

ENVIRO DYNAMICS

Junior Environmental Risk Assessment Practitioner

Projects Completed

Client: DAUREMAS MINERAL DEVELOPMENT (PTY) LTD

ESIA conducted for the proposed mining activities for the Daure Mine, Kunene Region (80% completed before retrenchment).

Year: 2015.

Client: TOP STONES INDUSTRIAL AND MINING CORPORATION CC

I conducted the environmental impact assessment process and the application for environmental clearance for the Troye Mine outside Okahandja, Otjozondjupa Region, Namibia.

Year: 2014

Client: THL ZINC LTD

Environmental assessment and EMP upgrade for THL Zinc EPL 4608, Karas Region.

Year: 2014.

Client: EPANGELO MINING COMPANY (PTY) LTD

EIA for the Proposed Exploration Activities on EPLs 4782 and 5028, Otjozondjupa and Oshikoto regions.

Year: 2014.

Client: AFRICAN NICKEL NAMIBIA (PTY) LTD

Environmental Scoping Report and EMP for exploration activities on EPL's 3300, 3301 and 436.1

Year: 2013.

Client: ARGOSSY MINERALS (PTY) LTD

Environmental Scoping Assessment and EMP for exploration activities (including drilling) on EPL 4335, Omaruru District, Erongo Region.

Year: 2013.

Client: GECKO MINING

Environmental Impact Assessment conducted for the Gecko Otjivalunda Salt Mine.

Year: 2013.

Qualifications

Diploma in Environment, Health, and Safety Management (currently busy with) (Uniathena)

BA Degree (Development and Environment) (attended) (Stellenbosch University)

Languages



	<i>Spoken</i>	<i>Reading</i>	<i>Written</i>
English	Excellent (Fluent)	Excellent (Fluent)	Excellent (Fluent)
Afrikaans	Excellent (Fluent)	Excellent (Fluent)	Excellent (Fluent)