

Mandume Leonard

Personal Information

- Date of Birth: 07/17/1994
- Nationality: Namibian
- Health: Excellent
- Driver's License: Yes (code C1)
- Criminal Records: None
- ID number: 94071700408
- Sex: Male
- Languages fluent: English, Oshiwambo , Afrikaans,

Education

MSc, Biodiversity Management and Research, 2021 - up to date

University of Namibia

Honors Degree, Environmental Biology, 04/2018 **University of Namibia**

Accomplishments and Certificates

Certificate of Excellences (Faculty of Science) for outstanding performance for the 2016 academic year in Biogeography.

Certificate of Excellences (Faculty of Science) for outstanding performance for the 2015 academic year in Conservation Biology and Biodiversity.

Certificate of Excellences (Faculty of Science) for outstanding performance for the 2015 academic year in Introduction to Hydrology.

Present Position

PRINCIPAL ENVIRONMENTAL PRACTITIONER (FOUNDER) (01/10/2024 – UpToDate).

Savannah Environmental Consultant Services CC, Namibia

Stakeholders' engagement

Environmental Impact Assessment report writing

Environmental Management Plans compliance
Field trip and logistics planning
Environmental management plans Auditing and monitoring.

ENVIRONMENTAL ASSESSMENT PRACTITIONER 03/2022 - Current

Excel Dynamic Solutions (Pty) Ltd, Namibia

Conducting of EIAs (Environmental Impact Assessments) of different Exclusive Prospecting Licenses

Compiling of Reports (Environmental Scoping Reports)

Compiling of EMP (Environmental Management Plans)

Conducting Public Consultation Meetings

Engaging Stakeholders of the projects (Interested and affected Parties)

Office Administration (filing of Reports and other relevant Documents)

Data collection (Field Work)

Data capturing and data cleaning

Logistics (Planning and organization of field trips and booking for accommodation).

Advising on the best suitable approaches and methodologies for achieving project targets and objectives.

BIOLOGY LABORATORY DEMONSTRATOR (01/03/2021 -30/11/20 21)

University of Namibia, Namibia

Setting and maintaining the laboratory Invigilating students when they are writing test

Grading student practical reports

Demonstrating and assisting student during their practical session.

TEACHER (FREDRICK AWASEB SSECONDARY SCHOOL)

ministry of education arts and culture

Teaching of Biology and physical science. (1/08/2018-31/12/2018).

FIELD ASSISTANT (01/05/2019- 30/11/2020).

Gobabeb Namib Research Institute, Namibia

Field assistant evaluating the health of three tree species of the central Namib ephemeral rivers by using eco-physiological methods

Data collection

Data entry

Quality control.

Projects Completed

Year	Project	Responsibilities
2025	Environmental Impact Assessment (EIA) Study for the Construction of Wastewater Treatment Plant in Opuwo Town, Kunene Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2025	Environmental Impact Assessment (EIA) Study for establishment and operation of a landfill site in Opuwo Town, Kunene Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2025	Environmental Impact Assessment (EIA) Study for establishment and operation of a cemetery in Opuwo Town, Kunene Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2025	Environmental Impact Assessment (EIA) Study for establishment and operation of a landfill site in Rehoboth Town, Hardap Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2025	Environmental Impact Assessment (EIA) Study for establishment and operation of animal pounding center in the town of Rehoboth Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2024	Environmental Scoping Assessment (ESA) for the Proposed For The Construction Of A National	Site visit and assessment, Facilitation of Public Consultation & Engagement and Compilation of

	Research, Science, Technology And Innovation Valley (NRSTI Valley) In Windhoek, Khomas Region.	Environmental Assessment Report & Environmental Management Plan
2024	Environmental Scoping Assessment (ESA) for the Proposed Construction and Operation of Ondonga Community Heritage Shrine and It is Associated Infrastructure Located in Ondonga Village, Olukonda Constituency; Oshikoto Region, Namibia.	Site visit and assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2024	Environmental Scoping Assessment (ESA) For the Proposed Exploration Activities on The Exclusive Prospecting Licences (EPL) No. 9212 Located South-East of Aranos In The Hardap Region.	Site visit and assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2024	Environmental Scoping Assessment (ESA) For the Proposed Construction and Operation of A 25m Camouflaged Tree Telecommunication Tower for the 11 sites located in Khomas Region.	Site visit and assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2024	Updated Environmental Management Plan (EMP) For the Existing Open Pit Mining Activities on Mining Licenses (MLs) No. 73B, 73C, 9, 16 and 21 located in Kombat, Otjozondjupa Region.	Site visit and assessment, and Compilation and updating of Environmental Management Plan
2024	Environmental Scoping Assessment (ESA) For the Proposed Exploration Activities on The Exclusive Prospecting Licences (EPL) No. 9101 Located North-West of Uis within the Dorob National Park in The Erongo Region.	Site visit and assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2024	Environmental Scoping Assessment (ESA) For the Proposed Exploration	Site visit and assessment, Facilitation of Public Consultation &

	Activities on The Exclusive Prospecting Licences (EPL) No. 9190 Located South-West of Otjimbingwe In The Erongo Region.	Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2023	Environmental Impact Assessment Study for the proposed reforestation activity in Oreseu, Kunene region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2023	Environmental Scoping Assessment (ESA) for the Proposed Establishment & Operation of Two New (Phases A & B) Cemeteries & Street in Rehoboth, Hardap Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2023	Environmental Scoping Assessment (ESA) For the Proposed Prospecting and Exploration activities on Exclusive Prospecting Licence (EPL) No. 7977 Located Near Klein Aub, in Hardap Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2023	Environmental Scoping Assessment (ESA) For the Proposed Prospecting and Exploration activities on Exclusive Prospecting Licences (EPLs) No. 7372 & 7373 Located Near Kalkfeld, Otjozondjupa Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2023	Environmental Scoping Assessment (ESA) for the proposed prospecting and exploration activities on Exclusive Prospecting License (EPL) No. 8625 located about 13 km South of Karibib in the Erongo Region, Namibia	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2023	Environmental Scoping Assessment (ESA) For the Proposed Prospecting and Exploration activities on Exclusive Prospecting License (EPL) No. 8500	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of

	Located Within the Karanas Resettlement in the Hardap Region	Environmental Assessment Report & Environmental Management Plan
2023	Environmental Scoping Assessment (ESA) for the proposed prospecting and exploration activities on Exclusive Prospecting Licence (EPL) No. 8334 located near Karibib in the Erongo Region, Namibia	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2023	Environmental Scoping Assessment (ESA) For the Proposed Prospecting and Exploration activities on Exclusive Prospecting Licence (EPL) No. 8685 Located East of Okangwati, Kunene Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2023	Environmental Scoping Assessment (ESA) For the Proposed Prospecting and Exploration activities on Exclusive Prospecting License (EPL) No. 8748 Located West of Usakos in the Erongo Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2022	Environmental Scoping Assessment (ESA) for the proposed prospecting and exploration activities on Exclusive Prospecting Licence (EPL) No. 7646 located southwest of Arandis in Erongo Region, Namibia	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2022	Environmental scoping assessment (esa) on exclusive prospecting license (epl) no. 8709 located near okombahe, in the erongo region, Namibia.	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan
2022	Environmental Scoping Assessment (ESA) for the Proposed Establishment & Operation of Two New (Phases A & B) Cemeteries & Street in Rehoboth, Hardap Region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental

		Management Plan
2022	Environmental Impact Assessment (EIA) Study for the Proposed charcoal packaging, and storage facility in Otjiwarongo, Otjozondjupa region	Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & Environmental Management Plan

References

Mr. Berard M. Mukuve
Tutor at the University of Namibia
Cell: +264 (0) 857334464

Mrs. Elbe Brunett (
Research Coordinator at Gobabeb Training and Research center
Cell: +264 (0) 815605476

Mr. Roland Mushi
Archeologist and an Environmental Practitioner at Excel dynamics Solution
Cell: +264 (0) 813332373



Nerson Tjelos

Role: Head of Operations at **Excel Dynamic Solutions (Pty) Ltd**

Experience	<ul style="list-style-type: none"> Over 5 Years' of Research, Mining and Consulting Experience as a young Namibian Geoscientist, Climate/Environmental scientist and Project Manager, Managing Director – Excel Dynamic Solutions Pty Ltd – current Managing Director – Business Intelligence (BI) Dynamics Pty Ltd – current Founding and Management Member – Minerals Africa Development Institute based in Uganda - current Database Geologist (Langer Heinrich Mine – Namibia) (Jan2015-Jun2016) Consulting Geologist (Matrix Consulting Services – Namibia) (Aug-Dec2014) Researcher (Gobabeb Research and Training Centre – Namibia) (Jan-Jun2014)
Selected Accomplishments	<ul style="list-style-type: none"> Established and turned EDS Namibia Pty Ltd and BI Dynamics Pty Ltd into credible consulting firms employing 12 consultants of different background i.e. Geoscience, Data science, Technology and Project managers. Project manager for various geologic, environmental, data science and technology projects carried out by the firm (see selected below). Managed to create projects partnerships with renown companies from South Africa, Nigeria, Zambia, Zimbabwe and Germany (for instance Afzelia Consultants Pty Ltd, GCS Water Engineering, Sustainable Drop Projects Pty Ltd, ETL Consulting Pty Ltd, among others) Established business partnerships with NewNaval (Greece), PECB Africa, Alan Smith Consulting (SA), Ian Bickerton Marine Consulting (SA) and several local firms.
Qualifications	<ul style="list-style-type: none"> Masters of Science in Geoinformation Science and Earth Observation: NUST Namibia – in progress Diploma in Project Management: University of Namibia – in progress Bachelor of Science in Geology: University of Namibia Certificate in Project Management: I-O-C Business Integration South Africa
Experience / Skills	<ul style="list-style-type: none"> Geology and Environmental Science Climate Change Studies Data Quality Assurance/Control Project/Business Management Effective Communication and Stakeholders Management Risks Assessment and Management Business Processes Review, Design and Implementation Public and Authority Consultation

	<ul style="list-style-type: none"> • Business Requirements Specification, Systems Integration Design • Proposals writing, review and presentation
<p>Recent Project Management (request for a full list of geology, mining, environmental, and groundwater studies)</p>	<ul style="list-style-type: none"> • Project Manager for various Geology, groundwater and environmental consultancy work carried out by the company (e.g. on various geological and mineral properties, new establishments, waste management sites, farming projects, construction and infrastructural development projects among others) • Project Manager: National educational programme for small-scale miners on exploration to mining best approaches. Lately, involved with small scale miners in Uis and Karibib area in Erongo Region helping them with geological reports, understanding of mining and environmental regulations and educating them about sustainable mining practices. • Assistant Project Manager for compilation and modelling of climate, soil and hydrogeology data for Agro-Ecological Zone and Carrying Capacity Maps for the entire country (ongoing) • Project Manager for Evaluation Study for School Readiness Initiative in Namibia on behalf of the Roger Federer Foundation • Co-project manager for Lesotho telecom data management project (ongoing). • Project Lead: Development of Namibia's 8th Mining Expo and Conference website development (2019, 2020) • Co-project manager for the development of the 5th and 6th National ICT Summit web and mobile Applications (2018, 2019) • Tony Elumelu Business Mentorship: to African business owners from different countries since 2019
<p>Computer programs</p>	<ul style="list-style-type: none"> • Microsoft Project • Surfer • Statistical (R, SPSS, ATLAS TI) • ArchGIS, QGIS • ENVI • Climate: EasyREMO, PRECIS, MM5
<p>Awards</p>	<ul style="list-style-type: none"> • Top 100 Most Influential Young Africans nomination, 2020 • Top 100 Most Influential Young Africans nomination, 2019 • Emerging Entrepreneur of the year 2017: Namibian Business Hall of Fame • Climate Reality Leader awarded by Former US Vice President Al Gore, USA, 2018 • Top 10 Total Startupper of the Year Challenge (2019) • Top 10 Development Bank of Namibia Innovation Award, 2018 • Recipient of Tony Elumelu Entrepreneurship Training Programme and Seed Capital, Nigeria, 2018 • African Entrepreneurship Awards (by African Development Bank) Stage II or Semi-Finalist, 2018 • Southern Africa Startup Awards Finalist – Water Management Solutions, 2018 • Top 100 Young Brightest Minds (BYM) in Africa: awarded in South Africa • Tony Elumelu Foundation Nominee, 2018

	<ul style="list-style-type: none"> Namibia Business Start-up of the year finalist 2017: SANLAM in collaboration with Namibia Business Innovation Mandela Washington Fellowship Semi-Finalist 2017 and 2018 Best presenter (Geology student), Faculty of Science Annual Research Conference, 2013
Membership	<ul style="list-style-type: none"> Geoscience Council of Namibia - Co-opted Member Geological Society of Namibia Namibia Scientific Society Namibia Chamber of Commerce and Industry (NCCI) Mining Committee Namibia Hydrogeological Society Environmental Economics Network of Namibia Environmental Assessment Professionals Association of Namibia Climate Reality Project, headquartered in the US (Country Coordinator) Team 54 Project, founded in Nigeria (Country Coordinator)
Selected Referees (Request for a full list with contact details)	<ul style="list-style-type: none"> Ministry of Mines and Energy, Namibia Ministry of Environment and Tourism, Namibia Ministry of Land Reform, Namibia Chamber of Mines of Namibia Manger Mining Pty Ltd, Lodestone Mining Pty Ltd among other mining companies Namibian Business Hall of Fame Desert Research Foundation of Namibia Langer Heinrich Namibia Pty Ltd Namibia Business Innovation Institute Tony Elumelu Foundation, Nigeria Climate Reality Project, US <p>Selected for contact:</p> <ol style="list-style-type: none"> Dr Cornelis van der Waal Agri-Ecological Services CC corwaal@gmail.com/ +264 816045878 Dr Mary Seely Desert Research Foundation of Namibia (DRFN) m.k.seely@gmail.com Prof. Benjamin Mapani Environmental engineering at Namibia University of Science and Technology (NUST) lolelaani@gmail.com/ +264 81 298 7534 Frank Dixon Mugenyi Senior Industry Advisor office of the Commissioner for Trade and Industry African Union Commission Frank.mugenyi@madi.org/ +25678226575

Short Biography

Nerson Tjelos is a trained Namibian Geoscientist, certified Project Manager, US Climate Reality trained Leader and currently finishing with my Masters in Geoinformation Science and Earth Observation. He is

the founder of Excel Dynamic Solutions (Pty) Ltd (www.edsnamibia.com), Reg. No. 2019/0817, a company focused on developing modern sustainable tools for discovery and management of natural resources and finding lasting solutions to environmental health and community empowerment. The team comprised of young geologists, environmental consultants, software developers and project managers. Since the establishment of startup consulting firm in 2015, and under his leadership, the company has worked with renowned organizations in Namibia, Zimbabwe, South Africa, Zambia and Germany on projects of national magnitude. The company also managed to offer job opportunities and internships to more than 30 graduates and students, thus promoting skills transfer. He is also a founding member of other entities, including Minerals Africa Development Institution (MADI) Limited, which is registered in Uganda and has a representation in all five sub-regions in Africa. Outside the business, Nerson co-founded an organization that has interest in climate change, youth empowerment and leadership development in the area of natural resource management, environmental safety and sustainability. He volunteers to train small scale miners in Namibia on mining methods, environmental compliance law and business proposals writing for funding. As a trained Climate Reality Leader and Country Representative for three climate change and world health global organizations (namely: Climate Reality Project, Team 54 Project and World Health Innovation Summit "WHISAfrica" Initiative), he spends time raising awareness about climate change and its solutions. Nerson is currently offering business mentorship to other African entrepreneurs through the Tony Elumelu Foundation Entrepreneurship Programme. He is a co-opted member of the Geoscience Council of Namibia and serve on a committee within the Namibia Chamber of Commerce and Industry (NCCI) that is responsible for the mining sector. His business ambition was recognized by many local and continental institutions and in the 5 years of running a consulting firm, he received several business leadership awards.