

Curriculum vitae of Nerson Tjelos: Environmental Geologist

Tjelos Nerson is a Geoscientist, US Climate trained Leader and certified Project Manager. He has over 10 years of Environmental Research, Exploration, Mining Consulting and Business Development Experience. Tjelos is a founder and current managing director of a number of business entities in Namibia and Africa, including Excel Dynamic Solutions Pty Ltd, and his team members include young geoscientists, environmentalists, software developers, data analysts and project managers. He is a founding and management member at Minerals Africa Development Institution (MADI) based in Uganda and was responsible for the research, innovation and technology division until 2021. Outside business, Nerson has an interest in sustainability initiatives, climate change, youth empowerment and leadership development in the area of natural resources management, environmental safety and the Internet of Things.

Profession: Earth Scientist

1. **Family name:** Tjelos
2. **First names:** Nerson
3. **Country and city of residence:** Namibia, Windhoek
4. **Nationality:** Namibian
5. **Education:**

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Namibia University of Science and Technology 2022 - 2024	Master of Leadership and Change Management (ongoing)
Namibia University of Science and Technology (2016-2020)	Master of Geoinformation and Earth Observation (Final year research project outstanding)
University of Namibia 2010-2013	Bachelor of Science (Honours) in Geoscience
University of Namibia 2021-2022	Diploma in Project Management
I-O-C Business Integration South Africa (2015)	Certificate in Project Management
International Association for Impact Assessment (IAIA) (2022)	Certificate for Integrating Climate Change in the Environmental Impact Assessments

6. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	2
Oshiwambo	2	1	2
Afrikaans	4	3	5
Herero	5	4	5

7. **Membership of professional bodies:** Geoscience Council of Namibia, Geological Society of Namibia, Namibia Hydrogeological Society, Environmental Economics Network of Namibia, Environmental Assessment Professionals Association of Namibia
8. **Other skills:** Microsoft Package (i.e., Project, Word, Excel...), Statistical (R, SPSS, ATLAS TI), GIS (QGIS, ArcGIS), ENVI for Image Processing, and EasyREMO (climate modeling)
9. **Key qualifications:** (Relevant to the project): Geoscience – focusing on environmental science, IAIA Certificate – Integrating Climate Change into Environmental Impact Assessments, Project Management, Leadership and Change Management

10. **Specific experience in the region:**

Country	Date from - Date to
Namibia	2013 - to date
Angola	2021 – 2022 (14 months)
South Africa	2020 (1 month)

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Lesotho	2018 - 2022
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11. Professional experience (selected projects. Request for full list)

January 2025 list

CLIENT	PROJECT	PHONE	TURNAROUND
Trigon Metals	Auditing of Trigon metals mining licences (surface and underground mining) at Kombat	+264 67 231 4000	1 month
City of Windhoek	Shortlisted Environmental Consultant for Environmental Studies on behalf of Windhoek Municipal Council – ESIA for existing landfill site		2024 - 2027
Grootfontein Municipality	ESIA for existing landfill site	+264 67 243 101	Ongoing
City of Windhoek and UNICEF	Assessment for the roll out of Community Led Total Sanitation Programme in Windhoek Informal Settlements	Grazy.Tshipo@windhoekcc.org.na	8 months
NAMCOR	Auditing and pollution(groundwater) risk analysis and impact assessment for various NAMCOR facilities across the country (Walvis Bay, Gobabis, Windhoek and Otjiwarongo) including the National Oil Storage Facility	+26461 204 5221	2 months
City of Windhoek	Strategic Environmental Assessment (SEA) for the City of Windhoek – 2020 - 2030	Grazy.Tshipo@windhoekcc.org.na	2020-2024
Cathral Investments 41 Pty Ltd Rehoboth Municipality	Proposed Development of a Private Hospital and Medical Waste Management Facility in Okahandja ESIA for Proposed Establishment and Operation of Two Cemeteries	+264 81 721 7017	Ongoing
The United Nations Children's Fund (UNICEF)	Environmental Impact Assessment Study and drafting of Environmental Management Plan for the Programme to provide acceptable and affordable sanitation solutions in the informal settlements of Windhoek	+264 61 204 6235	+18 Months
BCC/Angola	Oil Spill Risk Assessment and Modeling for Angola Oil Industry		
Antler Gold	Environmental Assessment for two (2) Properties in Karas Region	+264 81 273 4003	4 months
Outrun Environmental Consultants OBO NAMWATER	Environmental and Social Impact Assessment (ESIA) for the Upgrade of the Ohangwena II Wellfield Water Supply Scheme, Ohangwena Region – ESIA Methodology Training to selected NAMWATER staff	+264 81 268 3578	5 days
Asterisk Investment CC	Proposed Establishment and Operation of a Truck port and Associated Facilities (Ultra City) on Farm Otjiwarongo	+264 81 141 9991	6 months
PowerCom	Environmental Impact Assessment for several Telecommunication Camouflaged Tree Towers	+264 61 201 2946	3 months

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Trigon Metals	Auditing of Trigon metals mining licences (surface and underground mining) at Kombat	+264 67 231 4000	1 month
City of Windhoek	Shortlisted Environmental Consultant for Environmental Studies on behalf of Windhoek Municipal Council –		2024 - 2027
BRG/AfricaMal + Odikwa Investments	ESG performance in the minerals sector in Namibia	+264811470381	1.5 months
John Walenga	Environmental Assessment for three (3) Properties in Erongo Region	+264 81 127 3622	4 months
Krar Agriculture Charcoal Namibia	Environmental Assessment for a Charcoal Factory in Otjiwarongo	+27 82 420 8216	3 months
Daures Green Hydrogen Village	Ecological and archaeological impact assessment and permitting or establishment of Daures Green Hydrogen Village in Uis, Erongo Region	+264 81 803 5825	2 months
Credula Barros and Aina Kaihungu	Environmental Assessment for two (2) Properties in Hardap Region	+264 81 124 9463	4 months
Sadhana Forestry Project	Environmental Impact Assessment study for the Proposed Reforestation Activities in Oruseu in the Epupa Constituency of the Kunene region.	aviram@sadhanaforest.org	6 months
HDF Energy	Topographical Suvey and Assessment for the Establishment of HDF Solar + Green Gydrogen Plan in Swakopmund	+264 81 794 2766	1.5 months
Namibia Correctional Service (NCS) – Ministry of Safety, Security and Immigration	Environmental Impact Assessment Studies and drafting of Environmental Management Plans for the Irrigation Projects Programme in different areas across the country	+264 61 284 6921	3 months
Sertum Energy Namibia	Renewal of an Environmental Clearance Certificate (ECC) for the 22.80 Mega-Watt, alternating current (MWac) Trekkopje	+264 81 407 5536	1 month
Powercom Pty Ltd (Subsidiary of Telecom Namibia Pty)	Solar (Photovoltaic) Park in the Erongo Region & Ongoing Bi-Annual Environmental Audits Project Lead for Environmental and Social Impact Assessment for Erecting Telecommunication Towers in different towns/areas across Namibia (e.g., Windhoek*7; Rehoboth*1, Otjiwarongo*3, Grootfontein*1, Kalkfeld*1, Ondangwa*2 (on...))	+264 61 201 22946	3 months
MTC/GCS	Project Technical Support to the main Contractor (GCS) for National Environmental Assessment for Erection of various Transmission Sites across the country in 2017	+264 81 407 5536	<u>12 months</u>
City of	Strategic Environmental Assessment	+264 61 290 2911	+24 months

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Trigon Metals	Auditing of Trigon metals mining licences (surface and underground mining) at Kombat	+264 67 231 4000	1 month
City of Windhoek	Shortlisted Environmental Consultant for Environmental Studies on behalf of Windhoek Municipal Council – (SEA) for the City of Windhoek – 2020 - 2030		2024 - 2027
Puranium and Madison Metals Inc.	Environmental Assessment for eight (8) Uranium Properties in Erongo Region	-	5 months
Enersense Energy Namibia Pty Ltd	Environmental and Ecological Assessment for the Establishment of a Green Hydrogen Village in Daures District, Erongo Region	+264 81 803 5825	2 months
National Petroleum Corporation (NAMCOR)	Environmental Auditing and Compliance Assessment for 8 Fuel Storage Facilities including the National Oil Storage Facility (NOSF)	+26461 204 5221	1 month
Karibib Town Council	Environmental Impact Assessment Study and drafting of Environmental Management Plan for the establishment of Extension 5 in Karibib	+264 64 550016	4 months
Resource 500 Pty	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for 2 Exclusive Prospecting License (EPLs) – EPL 8624 near Rossing Mine/Arandis – Central Namib	+264 81 457 2510	6 months
Oranjemund Town Council	Environmental and Social Impact Assessment, and Environmental Management Plan (EMP) for the existing and new proposed cemetery Oranjemund	+264 63 233 500	4 months
Noronex Exploration and Mining Company	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Exclusive Prospecting License (EPL) – EPL 8624 near Gobabis – Central Namib	+264 81 8000 804	5 months
Eenhana Town Council	Environmental and Social Impact Assessment, and Environmental Management Plan (EMP) for the existing and new proposed landfill site Oranjemund	+264 65 290 600	4 months
Eden Cremations Pty	Environmental Management Plan (EMP) for crematorium facility in Walvis Bay	+264 81 804 3909	1 month
Monterey Minerals Inc	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for 2 Exclusive Prospecting License (EPLs) – EPL 7996 and 7381 near Arandis – Central Namib	+264 81 285 1242	3 months
Rundu Town Council	Environmental and Social Impact Assessment, and Environmental Management Plan (EMP) for the existing landfill site in Rundu	+264 66 266 400	3 months
Linco	Offshore Environmental and Marine	+264 81 128 4110	6 months

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Trigon Metals	Auditing of Trigon metals mining licences (surface and underground mining) at Kombat	+264 67 231 4000	1 month
City of Windhoek	Shortlisted Environmental Consultant for Environmental Studies on behalf of Windhoek Municipal Council – Assessment (ESA), and Environmental Management Plan (EMP) for Diamond Prospecting Licence – EPL 6929		2024 - 2027
Investments CC	Oil Spill Risk Assessment and Modeling for Angola Oil Industry	+264 64 406 901	18 months
Benguela Current Commission	Environmental and Socio-Economic Assessment (ESA) and Management Plan (EMP) for the new 3 telecommunication towers in Otjiwarongo.	+264 61 201 2946	3 months
PowerCom Pty Ltd	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for 2 Exclusive Prospecting License (EPLs) – EPL 8134 & 8136	+264 81 307 4719	3 months
Mr Franklin Ailohi Ohiozebau	Environmental and Social Impact Assessment, and Environmental Management Plan (EMP) for an oxidation pond	+264 66 259 414	4 months
Divundu Village Council	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for 2 Exclusive Prospecting License (EPLs) – EPL 7980 & 7327	+264 61 415 700	3 months
Epangelo Mining Pty Ltd	Renewal of Environmental Clearance Certificates for EPL 4818 and 4833	+264 61 415 700	3 months
Epangelo Mining Pty Ltd United Nations Development Programme (UNDP Namibia)	Training of Small-Scale miners in Erongo on Environment Planning, Health and Safety Guidelines	+264 81 124 2844	2 months
Parabola Investment CC	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Exclusive Prospecting License (EPL) 8181 north of Klein Aub Settlement in the Hardap Region	+264 81 377 9221	4 months
Mandy Investments	Environmental Impact Assessment and Water-use Risk Assessment for the proposed 100ha Irrigation Scheme, near Naute Dam in Keetmanshoop District	+264 81 127 1129	6 months
Africa Big Rhino Mining Pty Ltd	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for 10 Exclusive Prospecting License (EPLs) south of Aus Settlement in the Karas Region and EPL 7720 in Karibib area, Erongo Region	+264 81 659 1858	5 months
Mr Franklin Ohio	Environmental and Socio-Economic Assessment (ESA), and	+264 81307 4719	8 months

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Trigon Metals	Auditing of Trigon metals mining licences (surface and underground mining) at Kombat	+264 67 231 4000	1 month
City of Windhoek	Shortlisted Environmental Consultant for Environmental Studies on behalf of Windhoek Municipal Council – Environmental Management Plan (EMP) for offshore Exclusive Prospecting License (EPL) 6526 near Luderitz		2024 - 2027
PowerCom Pty Ltd	Environmental and Socio-Economic Assessment (ESA) and Management Plan (EMP) for the new telecommunication tower in Goreangab, Windhoek	+264 61 201 2946	4 months
Landmark Investments Pty Ltd	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for 2 Exclusive Prospecting License (EPLs) located in Otjiwarongo District in the Otjozondjupa Region	+264 81 222 6969	4 months
Sam Januarie	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Renewal of Six (6) Mining Claims near Naukluft in Khomas	+264 81 145 5084	3 months
Lodestone Mining Pty Ltd	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Exclusive Prospecting License (EPL) 4265 and 7847 north of Opuwo in the Erongo Region	+264 81 144 7868	4 months
Joedila Investments CC	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Diamond Exclusive Prospecting License (EPL) 4866 north of Opuwo in the Kunene Region	+264 61 306 770	5 months
Kongom Group Pty Ltd	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Diamond Exclusive Prospecting License (EPL) 6534, 6535 and 6536 near Omaruru in the Erongo Region	+264 61 306501	4 months
Kambwa Mining CC	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Exclusive Prospecting License (EPL) 7285 near Henties Bay in the Erongo Region	+264 813043685	6 months
Lewcor Mining	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for road construction stones quarry near Okahandja in the Otjozondjupa Region	+264 81 124 7316	3 months
Spitzkoppe Group	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Accommodation and	+264 81 2116291	4 months

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Trigon Metals	Auditing of Trigon metals mining licences (surface and underground mining) at Kombat	+264 67 231 4000	1 month
City of Windhoek	Shortlisted Environmental Consultant for Environmental Studies on behalf of Windhoek Municipal Council – Conferencing Facilities (Sari-gu Tented Camp and Conference Center) at Spitzkoppe near Usakos in the Erongo Region		2024 - 2027
Impala consulting for Namwater	Compilation of a Reservoir Management Plan Recommending Feasible Actions to Regulate Nutrient Influx to Swakoppoort Dam and to Implement Restorative Actions to Manage Trophic Status and Water Quality	+264 81 300 1712	1 month
Golden Empire Investments	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Exclusive Prospecting License (EPL) 7588-7653 near Khorixas in the Kunene Region	+264 61 305 231	5 months
Johannes Malume, Dolphin Minerals International (UK)	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Exclusive Prospecting License (EPL) 7258 near Okahandja in the Otjozondjupa Region	+44 1904 786744	6 months
Southwest Mining Investment Pty Ltd	Environmental and Socio-Economic Assessment (ESA), and Environmental Management Plan (EMP) for Exclusive Prospecting License (EPL) 6031 - 6917 near (EPL) 7071 near Ombombo Settlement in the Kunene Region	+264 81 691 8305	4 months
Aloe Investments Pty Ltd (Canada)	Environmental Assessment (EA), and Environmental Management Plan (EMP) for Exclusive Prospecting License (EPL) 7030 near Witvlei Settlement in the Omaheke Region	+264 81 8000 804	5 months
Gravity Empire Investments, Muriel Investments, Gonzales Investment	Environmental Management Plan for 3 Mining Claims in Khorixas, Kunene Region	+264 61 305 231	5 months
PowerCom Pty Ltd	Environmental and Socio-Economic Assessment (ESA) and Management Plan (EMP) for the new telecommunication tower in Rehoboth	+264 61 201 2946	3 months
PowerCom Pty Ltd	Environmental and Socio-Economic Assessment (ESA) and Management Plan (EMP) for the new telecommunication tower in	+264 61 201 2946	3 months

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CLIENT	PROJECT	PHONE	TURNAROUND
Trigon Metals	Auditing of Trigon metals mining licences (surface and underground mining) at Kombat	+264 67 231 4000	1 month
City of Windhoek	Shortlisted Environmental Consultant for Environmental Studies on behalf of Windhoek Municipal Council – Auasblick, Windhoek		2024 - 2027
Municipality of Walvis Bay	Environmental and Social Impact Assessment, and Environmental Management Plan (EMP) for the proposed new cemetery in Narraville, Walvis Bay	+264 81 124 3200	6 months
Manger Mining (Pty) Ltd	Environmental Impact Assessment and Management Plan for a Mining Licence, ML91, Renewal in Usakos	+264 81 745 9281	8 months
Ministry of Agriculture, Water and Land Reform	Agro-Ecological Zone and Carrying Capacity Mapping – entire country – responsible for climate component	+264 61 296 5000	24 months
Ongwediva Town Council	Environmental Impact Assessment for the Proposed establishment Ongwediva Town Incinerator, Oshana Region	+265 65 233 725	5 months

12. Other relevant information (e.g., Publications)

- Project Manager: National environmental educational programme for small-scale miners on environmental regulations and 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
- Co-project manager for **Lesotho** Telecom data management and consumer surveys project.

13. References

Full name	Contact details	Business
Dr Mary Seely	m.k.seely@gmail.com	Founder of Desert Research Foundation of Namibia (retired)
Prof. Benjamin Mapani	bmapani@nust.na	Environmental engineering at Namibia University of Science and Technology (NUST)
Martha Naanda	martha.naanda@undp.org	Programme Specialist – UNDP Namibia

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and experience.

22 February 2025



Full name of Consultant: Nerson Tjelos