

PERSONAL DETAILS**Name:** Silas David**Profession:** Geoscientist/ Environmental Assessment Practitioner**Cellphone:** +264817180030**Email:** sdavid@edsnamibia.com**Nationality:** Namibian**PROFFESIONAL PROFILE, SKILLS AND EXPERTISE**

Silas is an Environmental Geoscientist with over 5 years' experience in Groundwater Geostatistical analysis and Environmental Consultation. Silas is a meticulous professional, as an individual and as a team. His core expertise is in Geostatistical analysis, Cartography, conducting Environmental Social Impact Assessments (ESIAs), Environmental Management Plans (EMPs), facilitating and managing public consultation meetings.

EDUCATIONAL QUALIFICATIONS

| Institution | Qualification obtained | Year |
|---|---|--------------|
| Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Namibia | Certificate in Green Hydrogen (Climate change, Power-to-X, Production of hydrogen, Green hydrogen economics, Sustainable and Green Energy Transition) | March 2024 |
| Centre of Excellence for Integrated Mineral and Energy Resource Analysis (CIMERA), South Africa | Certificate in Critical Mineral for Energy Transition | October 2023 |

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| University of South Africa (UNISA) | Certificate in Public Management | February 2022 – November 2022 |
| University Paris Saclay, UK | Certificate in Ferromanganese | February – November 2021 |
| Groundwater Management Institute, South Africa | Certificate in Groundwater Data Collection & Management | March 2021 |
| University of Paris Saclay, UK | Certificate in Environmental and Societal Mine Waste | March – December 2020 |
| Freie University, German | Certificate in Geochemical Baseline and Geochemistry | September 2019 |
| University of Science & Technology, Namibia | Bachelor's Degree in Geo-Information Science and Technology | February 2016 - October 2019 |

LANGUAGES

| Language | Speaking | Reading | Writing |
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| English | Excellent | Excellent | Excellent |
| Afrikaans | Good | Good | Good |
| Oshiwambo | Good | Good | Good |

PROFFESIONAL MEMBERSHIP (AFFILIATIONS)

- Geoscience Council of Namibia (GCN)- Professional Geoscientist, <http://www.geocouncil.org.na/mem-members.php>, No. GSCN/G-037.
- Society for Geology Applied to Mineral Deposits (SGA) Namibian Chapter- **President**
- International Association of Hydrological Sciences (IAHS)-**Member**

- International Association for Impact Assessment (IAIA)-**Member**
- Young Earth Scientist (YES) Namibia- **Member**
- Environmental Lawyers Network of Namibia (ELNN)- **Member**
- Society of Petroleum Engineers (SPE)- **Member**

RELEVANT PUBLICATION

- **David, S (2024)**. Production boreholes water quality evaluation using GIS based geostatistical algorithms in Windhoek, <https://medcraveonline.com/IJH/IJH-08-00366.pdf>.
- **David, S (2023)**. Stakeholder and community engagement in Namibia's mineral exploration projects, <https://t.co/59bDx7zOIU> .
- **David, S (2021)**. Digitalization in the Namibian mining industry: New opportunities, <https://www.namibiansun.com/news/digitisation-in-the-mining-industry-new-opportunities-for-namibia2021-07-21/> .

INTERNATIONAL CONFERENCE PRESENTATION & INVITES

- **David, S, (2024)**. Production boreholes water quality evaluation using GIS based geostatistical algorithms in Windhoek. *45th MDSG Annual General Meeting, Edinburgh, Scotland.*
- **David, S, (2020)**. Production boreholes water quality evaluation using GIS based geostatistical algorithms in Windhoek. *The 36 International Geological Congress, Delhi, India.*
- **David, S, (2019)**. Production boreholes water quality evaluation using GIS based geostatistical algorithms in Windhoek. *The 5th Young Earth Scientist Network Congress, Berlin, German.*

MAJOR ASSOCIATES

- **Highlight:** Regional Project Stakeholder Coordinator- The development of the National Policy on Oil Dispersant Use Policy for Namibia. *Sub-contracted by the Envirodu Consulting and Training Solutions:* <https://www.giwacaf.net/en/our/activities/oil-dispersant-policy-national-workshop/report>.

EMPLOYMENT RECORDS

EXCEL DYNAMIC SOLUTIONS (PTY) LTD

PERIOD: Sep 2019 – Present

POSITION: Geoscientist/ Environmental Assessment Practitioner

DUTIES:

- Conducting Environmental Scoping Assessments/ Environmental Impact Assessments;
- Conducting Environmental Management Plans;
- Conducting Stakeholders Communication Plan and Management Plan;
- Reviewing of Technical reports i.e. EIA /ESIA;
- Provision of technical expertise related specifically to GIS mapping, training and analytics;
- Compiling and organizing GIS data from maps, databases and other sources;
- Ensuring that quality assurance on new or revised data conforms to standards laid out in the NSDI, or any other applicable standard or policy;

NAM GEO-ENVIRO SOLUTIONS

PERIOD: April 2018 – Jul 2019

POSITION: GIS Specialist

DUTIES:

- Ensuring that quality assurance on new or revised data conforms to standards laid out in the NSDI, or any other applicable standard or policy;
- Compiling and organizing GIS data from maps, databases and other sources;
- Mapping Exclusive Prospecting Licenses (EPL) and Mining Claims for Environmental Scoping projects;
- Conducting Spatial Analysis for development of service stations and mineral exploration related projects.

MINISTRY OF MINES AND ENERGY

PERIOD: Feb 2018 – April 2018

POSITION: Assistant Junior Geoscientist

DUTIES:

- Creating a File Geodatabase for Development Minerals in Namibia

- Performing Quality Assurance and Quality Control (QA/QC) for the File Geodatabase for Development Minerals in Namibia
- Conducting Metadata for the File Geodatabase for Development Minerals in Namibia
- Conducting Maps for Development Minerals in Namibia

KEY PROJECT (EXPERIENCE) UNDERTAKEN AND RESPONSIBILITIES

KEY RENEWABLE ENERGY, ELECTRICAL POWER AND ROAD CONSTRUCTION RELATED ENVIRONMENTAL ASSESSMENT STUDIES

| YEAR | PROJECT NAME | RESPONSIBILITIES |
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| 2023 | Environmental Assessment for the upgrade of the MR033 road construction, Stampriet to Mata-Mata | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2023 | Environmental Assessment for the upgrade of the DR1953 road from Karibib- otjimbingwe | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2023 | Environmental Assessment for the Proposed construction of the Kokerboom Power plant (100Mv PV) | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report |

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| 2023 | Bi-Annual Assessment for the Operations and Maintenance of the Existing 3-Megawatt (MW) Solar Photovoltaic (PV) Park within the Townlands of Arandis in the Erongo Region. | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2022 | Environmental Assessment for the construction of the NamPower voltage grid line for Karibib | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2021 | Bi-Annual Assessment for the Operations and Maintenance of the Existing Megawatt (MW) Solar Photovoltaic (PV) Park within the Townlands of Rosh Pinah in the Karas Region | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |

KEY SERVICE STATIONS CONSTRUCTION, TOWNSHIP DEVELOPMENTS, LANDUSE, WATER, TELECOMMUNICATION AND MINING RELATED ENVIRONMENTAL ASSESSMENT STUDIES

| YEAR | PROJECT NAME | RESPONSIBILITIES |
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| 2024 | Environmental Assessment for the Proposed Construction and operation of a Private hospital in Okahandja. | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2023 | Environmental Assessment for the Namwater pipeline upgrade scheme in Aroab, Karas Region. | Data collection, stakeholders consultation, spatial analysis an input for the assessment |
| 2023 | Environmental Audit Report for Exclusive Prospecting Licence (EPL) No. 8195 located near Omakange Settlement in the Omusati Region, Namibia | Reporting and Data collection |
| 2023 | Environmental Audit Report for Exclusive Prospecting Licence (EPL) No. 8639 located near Hochfeld Settlement in the Otjozondjupa Region, Namibia | Reporting and Data Collection |
| 2023 | Environmental Assessment for the Outapi Flexible Tenure system. | Data collection, stakeholders consultation, spatial analysis an input for the assessment. |
| 2023 | Environmental Assessment for the Onayena Township Development on remainder of farm 985. | Data collection, stakeholders consultation, spatial analysis an input for the assessment. |
| 2023 | Environmental Assessment for the Avis-Multi Residential Development, Windhoek | Data collection, stakeholders consultation, spatial analysis an input for the assessment. |

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| 2023 | Environmental Scoping Assessment Study for the Proposed Mineral Exploration Activities on Exclusive Prospecting Licence (EPL) No. 8598 located near Opuwo, Kunene Region, Namibia. | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2023 | Environmental Scoping Assessment (ESA) for the Proposed Prospecting and Exploration activities on Exclusive Prospecting Licence (EPL) No. 8803 Located near Karasburg, //Karas Region | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2023 | Environmental Scoping Assessment Study for the Proposed Mineral Exploration Activities on Exclusive Prospecting Licence (EPL) No. 6707 located north-west of Swakopmund, Erongo Region, Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2022 | Environmental Scoping Assessment study for the National PowerCom construction and operation of 22-sites in Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |

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| 2022 | Environmental Bi-Annual for the operation of Tses Sewer Oxidation Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2022 | Environmental Assessment for the Proposed Exploration Activities on Exclusive Prospecting Licences (EPLs) No. 7181, 7324, 7675 & 7676 near Grootfontein, Otjozondjupa Region, Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2022 | Environmental Assessment for the Proposed Construction and Operation of the Brado Lodge Conference Center Near Otjinene Settlement in the Omaheke Region, Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2022 | Environmental Assessment for the Proposed Exploration Activities on Exclusive Prospecting Licence (EPL) No. 7996 near Arandis, Erongo Region, Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |

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| 2021 | Environmental Scoping Assessment (ESA) For the Upscaling of Mining Claims (MCs) No. 71309 - 71312 located North-west of Usakos in the Erongo Region, Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2021 | Environmental Scoping Assessment (ESA) for the Proposed Mining Activities of Base & Rare Metals on Mining Claims No. 72051 – 72060 located Southwest of Khorixas in the Kunene Region, Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2020 | Environmental Assessment for a road Construction Stones Quarry and processing Facility located Near Okahandja, Otjozondjupa Region, Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2020 | Environmental Scoping Assessment (ESA) For Base & rare Metals, Industrial Minerals and Precious Metals on Exclusive Prospecting Licences (EPLs) No. 7588 & 7663 located near Khorixas, Kunene Region, Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |

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| 2019 | Environmental Scoping Assessment (ESA) For Base & rare Metals, Industrial Minerals and Precious Metals on Exclusive Prospecting Licence (EPL) No. 7258 located near Okahandja in the Otjozondjupa Region, Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2019 | Environmental Scoping Assessment (ESA) For Base & rare Metals, Industrial Minerals and Precious Metals on Exclusive Prospecting Licence (EPL) No. 7071 located near Ombombo, Kunene Region, Namibia | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP |
| 2019 | Environmental Scoping Assessment for the proposed construction and operation of the Camping Car Hire, Windhoek | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP, Cartography |
| 2019 | Environmental Scoping Assessment for the proposed construction and operation of the Eco-Fuel Service Station, Windhoek | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP, Cartography |

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| 2019 | Environmental Scoping Assessment for the proposed construction and operation of the E.J trading service station | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP, Cartography |
| 2019 | Environmental Scoping Assessment for the proposed construction and operation of fertilizer blending plant | Site visit & Assessment, Facilitation of Public Consultation & Engagement and Compilation of Environmental Assessment Report & EMP, Cartography |

REFERENCES

Mr. Nerson Tjelos

Director

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Ministry of Mines and Energy

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Certification:

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


