

Fillipus Namupala Shivute - CV

Address: P.O. Box 10614, Khomasdal, Windhoek, Namibia, **Mobile:** +264 81 200 5313,
E-mail: fnshivute@gmail.com

GENDER: Male

NATIONALITY: Namibia

DATE OF BIRTH: 09/05/1991

LANGUAGES: English, Afrikaans

Education:

2009: Grade 12 Namibia Senior Secondary Certificate Secondary Education: Etosha Secondary School

2014: Bachelor's Degree in Geographic Information Systems Tertiary Education: Namibian University of Science and Technology (NUST)

Publication:

Sustainability Journal

Climate Change and Anthropogenic Factors Are Influencing the Loss of Habitats and Emerging Human & Elephant Conflict in the Namib Desert (mdpi.com).

Work Experience:

Company name: SADC Groundwater Management Institute (SADC GMI), Lohe Water Engineering Pty Ltd, Kingdom of Eswatini.

Project: Review and Update of the Hydrogeological Map of Eswatini (December 2023 to June 2024)

- Update of all National hydrological and hydrogeological features
- Water Management Integrated Spatial Database
- Spatial analysis and Mapping of National Groundwater Vulnerability
- Spatial analysis and Mapping of National Groundwater Recharge
- Spatial analysis and Mapping of National Groundwater Abstraction
- Spatial analysis and Mapping of National Groundwater Quality

Position: GIS Analyst and GeoDatabase Manager

Coordinators: Mr Christof Lohe, Senior Hydrologist +264816652847

Company name: SADC Groundwater Management Institute (SADC GMI), Ministry of Agriculture Water and Forestry, Department of Water Affairs, Water Associates Namibia PTY Ltd.

Project: Review and Update of the Hydrogeological Map of Namibia (December 2019 to December 2021)

- Update of all National hydrological and hydrogeological features
- Water Management Integrated Spatial Database
- Spatial analysis and Mapping of National Groundwater Vulnerability
- Spatial analysis and Mapping of National Groundwater Recharge
- Spatial analysis and Mapping of National Groundwater Abstraction
- Spatial analysis and Mapping of National Groundwater Quality

Position: GIS Analyst and GeoDatabase Manager

Coordinators: Mr Christof Lohe, Senior Hydrologist +264816652847

Company name: Healthy Environmental Earth Consultants (HEEC) CNNC Rössing Uranium

Project: Soil displacement mapping on TSF at Rössing Mine, Erongo Region, Namibia (December 2021 to May 2022)

- Drone image processing and point cloud generation
- Point cloud mesh generation and volume calculation

Position: GIS Analyst

Coordinators: Mr David Aiyambo, Senior Environmentalist +264812050902

Company name: United Nation Habitat, Namibia Housing Action Group (NHAG) and Harmonic Town Planning Consultants (HTPC).

Project: Participatory Slum Upgrade Programme (PSUP) for Namibia (October to December 2017)

- Mapping of slumps in Opuwo, Aroab and Walvis Bay
- Statistical analysis and Spatial Representation of Slumps Surveyed Demographic data.

Position: GIS Analyst

Coordinators: Mr Harold Kistings, Project coordinator +264 81 1275879

Company name: Prime GIS Technologies, Orangemund Town Council (OTC) and Ministry of Urban and Rural Development (MURD).

Project: Development of Municipal GIS system (November to December 2016)

- Development of utility network Geodatabase
- Development of Town Urban Land-Use Map and Ground Truthing
- Development of Property Geodatabase (Valuation roll geolinkages)
- Development of Town spatial business information system (all shebeens, restaurant, bed and breakfast, hotel, lodges, panel beat, car wash, laundry etc. Based on fitness certificates)
- Development of Town spatial environmental information system (Conservation area and Sensitive environmental areas: river, watersheds, ponds etc.)
- Development of Town spatial land use datasets (Cemetery, Landfill site, parks, sport field, all club, day-care and schools and old age-home, churches, government institution, Nursery, camp sites and community hall etc.)

Position Held: GIS Developer

Coordinators: Mr Kisco Sinvula, Project coordinator +264811446460

Company name: Bundesanstalt für Geowissenschaften und Rohstoffe (BGR) - The German Federal Government Institute for Geosciences and Natural Resources and It's subordinate to the German Federal Ministry of Economics and Technology (BMWi). Under the German Namibian Cooperation, Ministry of Agriculture Water and Forestry (MAWF), and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

Project 1: Groundwater for the north of Namibia (December 2013 to December 2016)

- GIS training geohydrology staff
- Development of Geohydrology Database
- Development of Pump trailer manual, Spatial Database SOPs and Documentation of Eenhana Davis Weather Station Setup.

- Groundwater pump testing for Ohangwena 1&2 (KOH1 and KOH2) Aquifer.
- Quantity and Quality Mapping of Ohangwena 1&2 (KOH1 and KOH2) Aquifer

Position Held: GIS Technician

Project 2: Groundwater Management for the North of Namibia (December 2014 to October 2016)

- Development of National Spatial Groundwater monitoring network
- Development of Divisional ArcGIS map documents templates.
- Installation and Loading Data of Borehole Loggers for CEB Boreholes
- Development of Systems Requirements for GROWAS II Database System
- Plausibility Check and Bug Testing of GROWAS II Database System
- Documentation of GROWAS II Database System User Manual and Data Dictionary

Position Held: GIS Analyst

Supervisors: Mr Martin Quinger, Project Manager +264816485129, Mr Christof Lohe, Senior Hydrologist +264816652847.

Company name: City of Windhoek Municipality and Namibia University of Science and Technology (COW and NUST). Department of Economic Development and Environment. Research and Information Management Section, Investment Promotion, Business Development and Liaison.

Project 1: 2012 Industrial Survey (December 2012 to December 2013)

- Business Questionnaire Data Encoding
- Development of a Business Spatial Database
- Geocoding and Mapping of Businesses Locations
- Proposal and Development of the City of Windhoek Business Atlas

Position Held: GIS Technician

Project 2: Windhoek Business Atlas, a living Atlas (December 2013 to December 2018)

- Statistical Analysis of Industrial Businesses and Reporting
- Spatial Analysis of Businesses and Mapping

Position Held: Project Supervisor, GIS Analyst and Cartographic Design and Atlas Editor

Project 3: Sustainable Urban Transport Master Plan (SUTMP), Department of Community services and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH: Public Transport and Bus operations (June 2014 to June 2015)

- Mapping and Surveying bus routes
- Generate elevation for bus routes

- Spatial and statistical analysis Blue Box GPS tracking data.
- Spatial and statistical analysis of employee work places in relation to bus stops, taxi ranks and population densities.
- Spatial and statistical analysis of businesses with own private transport in relation to bus stops, taxi ranks and population densities.

Position Held: GIS analyst

Coordinators: Ms Naita Kamoh, Analyst: Research Information Management +26461 2902024, Mr Mahne Kruger, Business researcher +264811500101, Mr Elia Haindongo, Business promotion and liaison +264812507788, Dr Robert Riethmueller, Regional Planning Expert +264817302215.

Company name: Agriculture Bank of Namibia (AgriBank) and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

Project: Farmers support project (February to May 2014):

- Mapping Supported farms
- Statistical Analysis and Spatial Representation of mentored farms.

Position Held: GIS supervisor to students

Coordinators: Mr Bassils, Project coordinator +264812853180

Certification:

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

Date: 09/July/2022



Phillipus Namupala Shivute

