

CURRICULUM VITAE

OF

MUNEI EMMANUEL MUGERI

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PERSONAL DETAILS

Surname	Mugeri
First names	Munei Emmanuel
Race	Black
Gender and age	Male (25 Years)
Nationality	South African
Driver's license	Code 10 (C1)
Home Language	Tshivenda
Other languages	English, isiZulu, Xitsonga, Setswana
Contact details	Phone number: +27 72 555 4416 Email address: muneidrummer@gmail.com Postal address: Arcadia, Pretoria, 0007

QUALIFICATIONS AND EDUCATIONAL BACKGROUND

Current studies

- Qualification **Master of Science in Geography**
Institution University of Free State
Completion date December 2025
Research scope Analysing the variability in the evaporation – Precipitation (E-P) relationship and associated Moisture transport over the Vaal Water Management Area in South Africa.

Completed studies

- Qualification **Bachelor of Science (Honours): Meteorology**
Institution University of Pretoria
Completion date December 2022
Subjects scope Numerical Modelling Applications; Seasonal and Climate Modelling; Satellite, Radar, and Dynamic Meteorology.

Research studies

- Atmospheric quality modelling: Assessing the performance of global air quality modelling products to simulate pollution levels during a cold front event over Gauteng.

- Qualification **Bachelor of Science: Meteorology**
Institution University of Pretoria
Completion date December 2021
Subjects scope Environmental Sciences; Sustainable Development;

Research studies

Remote Sensing; Human Environmental Interactions;
Geographic Information System; Geoinformatics;
City Structure, Environment and Society; Physics;
Mathematics; Atmospheric Science; Programming;
Information Management;
Case study of a cold front which moved through Cape
Town on the 3rd of July 2021.

• Qualification	Grade 12 (Matric) Certificate
Institution	Mbilwi Secondary School
Year of completion	December 2016
Major subjects	Mathematics and Physical Sciences

SKILLS AND COMPETENCY

- Good verbal and non-verbal communication.
- Excellent English reading and writing.
- Ability to multitask, work independently, under pressure and in teams.
- Innovative thinking and problem-solving abilities.
- Programming and Mapping.
- Consolidation of reports and minutes.
- Computer literacy.
- Good research skills and desktop studies.
- Data collection and statistical analysis.
- Time management and adherence to deadlines.

EMPLOYMENT AND WORK EXPERIENCE

Duration:	Position:	Company:
September 2022 – Present (1 year 10 months)	Environmental Officer (Climate Change & Air Quality Management)	Department of Forestry, Fisheries and the Environment (DFFE)

Duties and Responsibilities

- Conducting literature studies towards the reviewing of odour management guidelines.
- Analyse data from air quality monitoring stations and provide inputs.
- Participate in providing technical inputs on emissions inventory reports.
- Conduct validation, quality control, and assurance of air quality data from low-cost sensors.
- Organize community outreaches to present and educate on air quality management.
- Conduct site visits to inspect facilities' emission sources.
- Provide administrative support by capturing and processing invoices, claims and nominations.
- Facilitating procurement process for newspaper and gazette publications.
- Compiling a database of relevant contacts and writing minutes during the Project Management Team monthly meetings.
- Review and audit the National Atmospheric Emissions Inventory System (NAEIS) reports.
- Participate in stakeholders' engagement meetings towards the development of Air Quality Management Plans at Municipalities.

- Compile minutes of meetings and assist with logistical arrangements.
- Participate in the planning and coordination of the Annual Air Quality conferences as part of the Project organizing committee.
- Attend and participate in international and departmental working groups and other stakeholder engagements towards the review and amendment of air quality legislation and related regulations.
- Compile reports of air quality monitoring stations functionality.
- Monitor assets registers for verification of air quality instruments for stations.
- Review and audit the National Atmospheric Emissions Inventory System reports.
- Participate in engagements and progress reporting of projects.
- Co-provide support to compliance monitoring and enforcement on air quality authorisations.
- Participate in pre-licensing inspection at facilities applying for an atmospheric emission license.

SHORT COURSES AND TRAINING ATTENDED

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|---|-----------------|---|
| • | Course | Report writing |
| | Institution | Pro Active college |
| | Completion date | November 2023 |
| • | Course | Introduction to Project Management |
| | Institution | Tsoelopepe Leadership Consulting |
| | Completion date | August 2023 |
| • | Course | Introduction to Policy Formulation and Implementation |
| | Institution | National School of Government |
| | Completion date | July 2023 |
| • | Course | Introduction to Financial Management and Budgeting |
| | Institution | National School of Government |
| | Completion date | June 2023 |
| • | Course | Ethics in the Public Service |
| | Institution | National School of Government |
| | Completion date | March 2023 |
| • | Course | Writing for Government: Advanced Writing Skills |
| | Institution | National School of Government |
| | Completion date | March 2023 |

REFERENCES

Ms Nelvia Phala

Control Environmental Officer

DFFE (colleague)

Cell: 067 417 3902

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Prof Rebecca Garland

Honours research supervisor
University of Pretoria
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