**CURRICULUM VITAE**

**TITLE AND NAME:** Ms Mahlape Ramahloko

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**E-MAIL:**  [rmahlape@gmail.com](mailto:rmahlape@gmail.com)

**DATE OF BIRTH:** 22 November 1981

**NATIONALITY:**  Lesotho

**LANGUAGES:** Sesotho (Native)

English(Fluent)

**EDUCATION:**

2017-2020 Master of Environmental Management University of Free State

2009-2010 B.Sc.(Hons) Geography (G.I.S.) University of Pretoria

2001-2005 B(ed.) Geography and Development Studies N.U.L

**RESEARCH EXPERIENCE:**

**Centre for Environmental Management UFS**

**Investigating the Impacts of Urban Sprawl in Maseru 2020**

* The study was a mixed-method research. It employs both qualitative and quantitative methods.
* Quantitative method involves the use of remote sensing and GIS. Landsat imagery from the Landsat 5 Thematic Mapper (TM) and Landsat 8 Operational Land Imager (OLI) was acquired from the Earth Explorer and remote pixel websites respectively. These images were used to compare the 1990 and 2015 land covers to analyse the extent at which the change has occurred.
* For qualitative method, I used purposive sampling selecting 12 participants. The aim was to investigate the perception the participants have on the impacts of urban sprawl with regards to natural environment, management of waste and sanitation.

**OTHER CERTIFICATES:**

**2016 ArcGIS Advance** ESRI South Africa

**2018 Introduction to QGIS** Kartoza (Pty) Ltd

**EMPLOYMENT HISTORY**

**ORGANISATION:** Road Directorate

2014 to Present

**DESIGNATION:** GIS Assistant

**TASKS:** Generate and maintain geo-databases, digitise geographic data and input non

geographic data.

Collect, create, edit, analyse, distribute, and plot GIS data

Operate digital photography equipment while collecting GIS data

Collect spatial data using GPS and surveying equipment

Assist in data cleaning, post-processing and data transfer between GPS and GIS

Assist in mapping and data analysis tasks including producing graphic tabular data

Any other tasks as directed by the GIS Analyst or Manager Network Planning.

I have also been assisting Environment and Safety with some of their tasks. i.e.

I have reviewed Malesoana-Butha Buthe quarry pit EMP.

**ORGANISATION:** LSPP Land Use Planning Department

2011 to 2014

**DESIGNATION:** Data Analyst

**TASKS:** Creates Land Use Planning database for easy access and utilisation.

Analyses the attribute data to permit decision making for future land

management activities in different planning areas.

Produces land use maps, to meet the requirements of the organisation.

**ORGANISATION**  GWC Consulting Engineers (Pty) Ltd

2010-2011

**DESIGNATION** GIS Officer

**TASKS** Create maps using ArcGIS software.

Compile geographic data from different sources such as aerial photography, and

census etc.

Integrate spatial data to display it on GIS.

Producing maps for the requirements of the office.

**INSTITUTION** Matlakeng High School

2005-2006

**Task**  Development Studies Teacher

**REFERENCE**

Ms ‘Mamoshabe Mapuru: Roads Directorate

Senior Engineer Network Systems

(+266) 58730825

Mr Motjemoka Moqobela: Roads Directorate

Contracts Senior Engineer

(+266) 59711171

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