

# CURRICULUM VITAE

## PERSONAL DETAILS

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**Name** : Brenda Makanza  
**Year of birth** : 1981  
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## PROFILE & OBJECTIVES

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- High personal integrity, and able to relate to and create trust in all.
- Possess first-class analytical, design and problem-solving skills. Dedicated to maintaining high quality standards. Able to work on own initiative and as part of a team.
- Persistent and flexible approach to the mutually beneficial achievement of business plans and personal goals of staff and customers.

## PROFESSIONAL QUALIFICATIONS

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**Honours Degree:** Environmental Science (**NUST, Zimbabwe**)  
**Post Graduate Certificate:** Integral Water Management (**Saxion University, The Netherlands**)  
Introduction to Geo-informatics (**University of Johannesburg, South Africa**)  
Professional Diploma GIScience- (**UNIGIS, 2014-2015**)

## COMPUTER LITERACY

### Software type

ArcGIS 9.3 & 10.1  
QGIS  
Landserf  
Microsoft Office

### Use

Analysis and Map Production  
Analysis and Map Production  
Analysis and Map Production  
Reporting

### Membership

- WISA
- GISSA
- SACNASP

## WORK EXPERIENCE

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### ***Skills and Experience***

- Environmental Impact Assessments;
- Groundwater Quality Analysis;
- Geographic Information Systems;
- Natural Resources Management;
- Environmental Monitoring & Audits.
- Great communication ability on all levels.

1. **Company:** **DIGES GROUP**  
**Position:** Senior Environmental Scientist

**Country:** South Africa  
**Period:** 2009-present

### Roles:

- To carry out the assessment of Environmental Statements, including interpretation of technical reports and appendices which may comprise part or all of the ES;

- Study the environmental impacts developments on soil, groundwater, rivers, lakes, wildlife habitats, and all sorts of ecosystems;
- Site surveys, as well as anticipating future ecological developments;
- To ensure that the EIA register is maintained and kept up-to-date;
- To prepare and give evidence at public inquiries, as required;
- To prepare and present reports to the relevant stakeholders; and
- To comply with relevant legislation, policies and stakeholder department instructions and resolutions;

### **Projects worked on include**

#### **Borrow Pits**

- Borrow Pit Application for Upgrading of gravel road from Praktiseer to Taung village within Greater Tubatse Local Municipality.
- Borrow Pit Application for road upgrading from Lebowakgomo to Tooseng village
- Borrow Pit Application for road upgrading from Polokwane to Matlala village within Aganang local Municipality Capricon District, Limpopo Province (18 months).

#### **Bridges**

- Basic Assessment for the proposed construction of an access bridge at Tidintitsane village within Greater Tubatse Local Municipality, Sekhukhune District, Limpopo
- Basic Assessment and EMP for the proposed construction of an access bridge at Mareseleng village within Greater Tubatse Local Municipality, Sekhukhune District, Limpopo
- 24G Application for the construction of an access bridge at Manyaka village within Greater Tubatse Local Municipality, Sekhukhune District, Limpopo
- 24G Application for the construction of an access bridge at Tutakgomo village within Greater Tubatse Local Municipality, Sekhukhune District, Limpopo

#### **Bulkwater Supply Pipelines**

- Basic Assessment and EMP for the proposed construction of 7km bulkwater supply pipeline from Mavambe village to Malamulele CBD within Thulamela Local Municipality, Vhembe District, Limpopo Province;
- Basic Assessment and EMP for the proposed construction of 15km bulkwater supply pipeline from Maandagshoek to Diphale village within Greater Tubatse Local Municipality, Vhembe District, Limpopo Province

#### **Cemeteries**

- Basic Assessment, EMP, Geotechnical survey and Geohydrological survey for the proposed establishment of a cemetery in Seshego within Polokwane Local Municipality of Capricon District, Limpopo Province

#### **Demarcations**

- Demarcation of 100 stands at Mtititi Plange within Thulamela Local Municipality of Vhembe District
- Demarcation of 100 stands at Mtititi Lombard within Thulamela Local Municipality of Vhembe District
- EMP and Basic Assessment Report of Mahatlani village within Makhado Local , Vhembe District, Limpopo (Demarcation of Residential Stands).
- EMP and Basic Assessment Report of Ga-matshubeng village within Greater Tubatse local Municipality, Sekhukhune District, Limpopo Province (Demarcation of Residential Stands).
- EMP and scoping report and EIA for the proposed township establishment at Praktiseer within Greater Tubatse Local Municipality (demarcation of stands).

- EMP and Basic Assessment Report of Malokela village within Greater Tubatse Local Municipality, Sekhukhune District, Limpopo Province (Demarcation of Residential Stands).
- EMP and Basic Assessment Report of Mulodi village within Mutale Local Municipality, Vhembe District, Limpopo (Demarcation of Residential Stands).

### **Power Lines**

- Proposed construction of a 132kV power line from PPRUST substation to the proposed Akanani substation within Mogalakwena Local Municipality.
- Proposed construction of a 45 km 132kV power line from Jane Furse substation to the proposed Mamatsekele substation within Makhuduthamaga Local Municipality, Greater Sekhukhune District, Limpopo Province
- Proposed construction of a 30 km 132kV power line from Amandla substation within Elias Motsoaledi Local Municipality, Greater Sekhukhune District to Kwaggafontein substation within Thembisile Hani Local Municipality, Nkangala District.

### **Roads**

- Environmental Management Plan for the maintenance of P1/6 road within Polokwane Local Municipality.
- EMP and Basic Assessment Report for Upgrading of gravel road from Praktiseer to Taung village within Greater Tubatse Local Municipality.
- Environmental monitoring for road upgrading from Lebowakgomo to Tooseng village (18 months).
- Environmental monitoring for road upgrading from Polokwane to Matlala village within Aganang local Municipality Capricon District, Limpopo Province (18 months).
- Environmental monitoring for road maintenance from Hoedspruit (R527) to Kamperus (R531) within Maruleng Local Municipality of Mopani District.

### **Other Responsibilities**

- Project Management;
- Contract administration and billing of clients;
- Liaison with clients/local authorities/professionals/contractors.

2. **Company:** Ministry of Environment & Natural Resources Management      **Country:** Zimbabwe  
**Position:** Southern Africa Biodiversity Support Programmes' Assistant      **Period:** 2005 - 2008

### **Role**

- Packaging and disseminating targeted biodiversity materials to stakeholders;
- Liaising with the Programme Management Unit (PMU) in Gaborone and host institutions on regional databases for up to date information on Programme outputs;
- Working closely with Convention Biological Diversity National Focal Point and National Programme Coordinator to ensure that national Clearing House Mechanisms (CHMs) access information on biodiversity related documents and outputs;
- Convening meetings of the National Biodiversity Forum, expert working groups and other key stakeholders on specific biodiversity topics;
- Documenting specific activities undertaken by National Biodiversity Task Forces and Expert Working Groups and their outcomes;
- Conducting a stock take of relevant biodiversity initiatives/projects underway in the country and the SADC region; and

- Assist the National Programme Co-ordinator in raising awareness on the Programme at different national fora.

### **Other Responsibilities**

- Development of Biodiversity proposals for funding;
- Liaison with clients/local authorities/professionals/contractors.

### **Projects worked on include**

- Compilation of SADC Biodiversity Strategy;
- Situation Analysis on the status of Biodiversity in Southern Africa;
- Patenting of natural resources in Southern Africa.

3. **Company:** IUCN-ROSA- The World Conservation Union  
**Position:** Intern: Ecosystems Programme

**Country:** Zimbabwe  
**Period:** 2002 - 2003

### **Roles**

- Work with regional, national, and international environmental organizations to help develop environmental management policies that takes into account economic, social, and environmental values;
- Production of summary documents and preliminary reports used in project formulation and design;
- Developing environmental project proposals for Southern Africa;
- Seek funding for the developed proposals;
- Develop situation analyses;
- Preparation of work plans and related key result areas;
- Preparation of implementation schedules, activity tasks, programme material requirements and itinerary for regional workshops.
- Documenting specific activities undertaken by the Ecosystems Programme.

### **Projects worked on include**

- Proposal for the Integration of HIV/AIDS in Natural Resources Management in Southern Africa;
- *Research article on Forest certification: A tool for sustainable development: Pumula Forest Block, Bulawayo, Zimbabwe;*

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### **REFEREES**

**Mr. R.V Rambuwani**  
**(Managing Director)**  
**DIGES**  
**Polokwane, South Africa**  
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**Mr. A. Matiza**  
**(Deputy Director)**  
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