

**CURRICULUM VITAE**

Specialist in the development and population of GIS-based systems and the development of water resource management tools.

- 1 **Family name:** Venter  
 2 **First name:** Sarel  
 3 **Date of Birth:** 1965/02/01  
 4 **Nationality:** South African  
 5 **Education:** NAD

| <b>Institution (Date)</b>                              | <b>Degree(s) obtained:</b>    |
|--|-------------------------------|
| Agricultural College Potchefstroom, South Africa, 1987 | National Agricultural Diploma |
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6 **Membership in Professional Societies:**

Member: Geo-Information Society of South Africa (GISSA)

7 **Present position:** CAD/GIS Manager

8 **Years within the organisation:** 25

9 **Key Qualifications:**

Mr Venter has 23 years of experience as a Computer Aided Design (CAD) and Geographical Information Systems (GIS) specialist. He also has experience in the determination and classification of land use using remote sensing methods.

He has been involved in the GIS segment from the beginning and has gained expert knowledge in various GIS and CAD applications including ArcView, ArcGis, AllyMap, AllyCAD and ModelMaker. As an experienced field survey technician he also has a sound understanding of land use and land use classification and how to represent such information graphically.

10 **Professional experience:**

|                              |   |
|------------------------------|---|
| <b>Date From - to</b>        | 1988 to date  |
| <b>Organisation</b>          | Schoeman en Vennote   |
| <b>Location</b>              | Brits   |
| <b>Position</b>              | CAD/GIS Manager   |
| <b>Description of duties</b> | As team leader of the field survey technicians, was not only involved in the actual detail field surveys for the Department but also the auditing and control of survey data quality.<br><br>Advisor for the registration of water use in the Crocodile/Marico Water Management Area. |

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|  | Development of a GIS front-end for displaying data embedded in management information systems.<br><br>Land use identification and classification from aerial photographs and satellite images. |
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**11 Other relevant information**

None