



CURRICULUM VITAE

Name of Firm : Schoeman and Partners Consulting Engineers
Name of Staff : **JOUBERT, FRANCOIS**
Profession/Specialisation : Computer Science, Geography
Present Position : Director
Date of Birth : 1966/12/19
Years with Firm : 22 years
Nationality : South African

Key Qualifications:

Mr Joubert has 25 years of experience as a computer system analyst and developer, specialising in Management Information Systems and Geographical Information Systems (GIS). He also has extensive experience in the determination and classification of land use using remote sensing methods such as Aerial Video Imagery, Aerial Photography and Satellite images. Being both a developer of such systems and also an end user, he is able to combine his technical and managerial skills to balance and optimise required outputs with what is available or obtainable. Francois is a specialist advisor on the use of satellite imagery for the verification of water use and is an expert witness in several expropriation and land claims cases.

Education:

2000 MBA, Potchefstroom University, South Africa
1988 B.Sc. (Computer Science, Geography), Potchefstroom University, South Africa

Membership in Professional Societies: None

Experience Record:

1991 to date HN Schoeman & Vennote, Brits, Director
1990 – 1992 Synda Chemical Holdings, Isando, System administrator
1989 – 1990 SH Hare & Sons, Parys, Divisional Manager

Relevant project experience:

- Development, implementation and maintenance of new programs and databases. The water use registration module (WURM) was developed for DWA within the set time limits and numerous installations served as an aid for the registration of water uses.
- Acted as project leader and was responsible for the standardisation of a substantial portion of existing irrigation databases within the Department, which were all in different database formats.
- A fully operational Water Management Information Tool for the Directorate: Water Apportionment that contains all the survey information of the most recent projects was developed. This Information tool is self-contained and consists of an easy to use GIS-based front-end and data viewer. No special software licence or high performance hardware is necessary to run the application.
- Specialist in land use identification and classification from aerial photographs and satellite imagery.
- Project coordinator and senior advisor for the registration of water use in the Crocodile/Marico Water Management Area. Project manager for the verification of registration of water use information for the Upper-Vaal WMA, Crocodile/Marico WMA and Limpopo WMA.
- Project leader for the verification of registered and unregistered water use in the Schoonspruit Dolomitic Compartment.