

ROCHELLE BORNMAN - CURRICULUM VITAE

Rochelle Bornman has been working in the field of air pollution impact assessment and air quality management from 2008. Prior to becoming involved in air quality consultation, she worked as a GIS analyst at the Malaria Research Lead Programme in Durban. Since joining Airshed Planning Professionals she has been involved in air pollution impact studies. She has presented at the NACA 2010 Annual Conference on the use of a spatial approach to regional air quality model verification.

1. LANGUAGE CAPABILITIES

Fluent in English and Afrikaans

2. CURRENT AFFILIATION

Airshed Planning Professionals (Pty) Ltd (*January 2008 to present*)

3. ACADEMIC QUALIFICATIONS

- B. Land Surveying: 1997, *University of Pretoria*
- MPhil: (Geographical Information Systems and Remote Sensing) 1998, *University of Cambridge*
- Ph.D: (Geographical Information Systems and Remote Sensing) not yet completed, writing up dissertation, *University of Cambridge*

4. PREVIOUS WORK EXPERIENCE

January 2005 to December 2007

Medical Research Council, Durban

GIS Researcher

Maintained and analysed spatial and attribute data, worked on GIS components of multiple projects within a research environment, serviced map and data requests.

January 2001 to June 2003

Medical Research Council, Durban

Collaboration between the Medical Research Council and University of Cambridge

Collected field data and documentation as part of the Lubombo Spatial Development Initiative towards PhD research. Trained local people and malaria surveillance agents to conduct questionnaire-aided interviews at selected sentinel sites in Mozambique, Swaziland, Kwazulu-Natal and Mpumalanga.

January 1999 to June 1999

University of Pretoria, Pretoria

Senior lecturer (part-time)

Subjects: Geodesy and Land Surveying, final year.

October 1998 to September 1999

AfriGIS, Pretoria

GIS Analyst

Data cleaning, data quality assurance, mapping.