

# Curriculum Vitae: Bertus Fourie

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## PERSONAL INFORMATION

Surname: Fourie  
Full names: Albertus Jacobus (Bertus)  
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## EDUCATION

### Tertiary education:

National diploma Nature Conservation, 2005  
B Tech Nature Conservation, 2009 specialization in Environmental Education & Freshwater management  
Project title: Ndumo Game count: A critical review of game count data 1999-2009  
M. Sc. (*Pending 2014*) M.Sc. Aquatic health at University of Johannesburg  
Research project title: Biological aspects of the Mutale, Tshinane and Mutshundudi Rivers, Limpopo

## ACCREDITATION

SASS 5 (Dickens & Graham, 2002)

## TRAINING

Introduction to wetland soils and delineation South African soil surveyor's organization (SASSO)  
Wetland Management: Introduction and Delineation Centre for Environmental Management, University of Free State  
SASS 5 training Nepid consultants 2011 (22-24 March 2011), Ground Truth (2013)  
Environmental law for environmental managers: Centre for environmental studies (CEM) @ North West University  
Caping and meat processing course: Lephalala FET College, 2006  
Introductory shooting course: Tshwane University of Technology, 2003  
Fgasa level 1: FGASA 2006

## Galago Environmental Work Experience

### Wetland Specific Environmental Control Officer (WECO)

- Klippoortje Development wetland ECO auditing (2011-2013)
- Secunda Mall Construction wetland ECO auditing as in terms of Water Use License 08/C12D/CI/1852 (2012-current)
- Alwyn road extension

### Environmental impact assessments

- Crudus waste management- Hazardous waste handling licence (2011)
- Development Bank of South Africa- Solar Energy Application (2011)

### Environmental Education

- Rynfield/ Lynmed hospital EE plan (2012)
- Lapalala Wilderness School (2003-2005)

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- *Jubaweni Eco-School (2002-2003)*

## **Ecological Management Plans**

- *Ecological Management Plan for the Linmed Hospital (June 2012)*
- *Ecological Management Plan for the Open Space Area on Portions 150&151 of the farm Doornpoort 295 JR. (January 2012).*
- *Ecological Management Plan for the Open Space Area on Portion 1 of Re 89 Klippoortje Agricultural Lots and Portion 2 of Re 91 Klippoortje Agricultural Lots. (August 2011).*
- *Ecological Management Plan for the Crudus Waste Management Hazardous waste license application. (April 2011).*
- *Golden valley Ecological Management Plan for mineral exploration. May 2011.*
- *Ecological Management and monitoring plan for Portion 7 of the farm Diamant 771KQ. November 2006.*

## **Monitoring Planning**

- *Monitoring plan for the Secunda Mall Rehabilitation plan implementation*
- *Monitoring plan for the Linmed Hospital wetland rehabilitation plan*

## **Rehabilitation implementation**

- *Implementation of the rehabilitation plan for Portions 89 & 90 of the farm Klippoortjie. November 2011.*
- *Implementation of the rehabilitation plan for the Secunda mall project. September 2012- current*
- *Rehabilitation and Landscaping of Lynnwood and Simon Vermooten Road, Pretoria (2010)*
- *Assistance to environmental officer in all duties on the VRESAP project*
- *Hydro-seeding of VRESAP project (2009-2010)*
- *Bapong Weigh bridge rehabilitation (2009)*

## **Ridge Ecology assessments**

- *K71 Road ridge assessment*
- *Portion 4 of the farm Kleinfontein 368 JR*
- *Mahube Valley Mall Development*
- *Misgund Development*

## **Aquatic ecosystem delineation**

- *Azaadville Property development*
- *Brakpan Link Road*
- *Carmel Estate*
- *Coolbreeze*
- *Denver*
- *Duduza*
- *Ennerdale wetland delineation*
- *Erand Rehab*
- *Erand Sewer*
- *Faerie Glen x1 development*
- *Fochville*
- *Goedehoop Wetland Delineation*
- *Hartebeesfontein*
- *Hartebeeshoek*
- *Hennops Lapa*

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- Heriotdale
- Hertford Hotel
- Holgatfontein
- Jupiter
- K113 wetland assessment
- K164 bridge crossing
- K60 Ridge
- K60 Wetland/ Riparian
- K69
- K71 Ridge
- K71 Wetland And Riparian
- Kabelo Station
- Kenmare Sewer
- Knoppieslaagte
- Knoppieslaagtefonteingatmetriete Wd
- Kwa-Mlanga Mall
- Kwa-Quqa Shopping
- Ladysmith
- Langkuil
- Linksfield
- Lombardie
- Magaliesburg Waste Water Treatment Works
- Mahube Valley Mall Development
- Majaneng Stormwater
- Mayfield and Knoppieslaagte
- Montrose Township
- Munsieville bulk sewer line
- North Riding
- Olifantsvlei Wetrehab
- Oulandsloop
- Palmietfontein
- Paulshof
- Persikor Park Wetland delineation and impact assessment
- Pietermaritzburg Fibre optic cable
- Platinum Village Rustenburg
- Pomona Gardens
- Portion 106 of the farm Roodekrans 183 IQ
- Portion 2 of the Farm Noycedale 191 IR
- Portion 265 of Hekpoort 504 JQ
- Portion 4 and 7 of the farm Droogheuwel 251IQ
- Portions 1 & 12 of the farm Tweefontein 413
- Portions of the farms Putfontein 26 IR and Knoppiesfontein 23 IR
- Rietfontein 189
- Riparian delineation of portion 511 of the farm Elandsfontein 108 IR
- Rondebult
- Rosherville
- Secunda CBD development
- Sibande
- Sinqobile
- Sonneglans x28
- Sonneglans x29
- Sonneglans x30

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- Soshanguve
- Spaarwater
- Villa Lisa
- Vlakdrift Commonage
- Vlakfontein
- Vlakplaats
- Vulcania
- Waaikraal Piggery
- Westonaria Borwa Bulk water supply
- Westonaria Borwa Sewer and Stormwater Extension Wetland Delineation
- Witkoppen Bridge
- Wonderboom New
- Zonderwater Prison Sewage works upgrade
- Zwavelpoort

## **Wetland verification**

- *Ennerdale Ext 16*
- *Hartebeeshoek Cell C tower*
- *Irene Interchange*
- *Kagiso Cultural Village*
- *Knoppieslaagte*
- *Peach Tree*
- *Portion 5, 156 and 157 of the farm Misgund 169 IQ*
- *Portion 157 of the farm De Onderstepoort 300JR and portion 238 of the farm Wonderboom 302 JR*
- *Portion 291 (A Portion of Portion 123) Of The Farm Knopjeslaagte 385 JR*
- *Sunderland Ridge x18*
- *Sunderland Ridge x28*
- *Sunderland Ridge x30*
- *Sunderland Ridge x31*
- *Sunderland Ridge x32*
- *Sunderland Ridge x33*
- *Swartkop Filling Station*
- *Windmill Park*
- *Wonderboom and Onderstepoort*

## **Wetland rehabilitation planning**

- *Olifantsvlei Cemetery Wetland delineation*
- *Linmed Hospital wetland rehabilitation plan*
- *Secunda Mall Rehabilitation plan*
- *K113 and K56 Road*
- *K164 bridge construction*
- *Portions 89 & 90 of the farm Klippoortjie*
- *Alwyn bridge construction*
- *Sibande street extension*

### **Computer proficiency in programs designed specifically for ecological assessments**

- **Distance 5.0:** used to analyse distance sampling surveys of wildlife populations.
- **FRAI:** (Module D: Fish Response Assessment Index in River EcoClassification: Manual for EcoStatus Determination (version 2)). Kleynhans CJ. , 2007. WRC Report No. TT330/08
- **FROC:** (Reference frequency of occurrence fish species in South Africa). Kleynhans CJ, Louw MD, Moolman J. 2007. WRC Report No TT331/08.
- **MERAI:** Module E: Macroinvertebrate Response Assessment Index in River EcoClassification: Manual for EcoStatus Determination (version 2) Thirion, C. 2007. WRC Report No. TT 332/08.
- **VEGRAI:** (Riparian Vegetation Response Assessment Index in River Eco Classification: Manual for Eco Status Determination (version 2)). Kleynhans CJ, MacKenzie J, Louw MD. 2007. WRC Report No. TT 333/08.
- **WET-EcoServices:** A technique for rapidly assessing ecosystem services supplied by wetlands. Kotze DC, Marneweck GC, Batchelor AL, Lindley DS and Collins NB, 2007. WRC Report No TT 339/08.
- **WET-Health:** A technique for rapidly assessing wetland health Macfarlane DM, Kotze DC, Ellery WN, Walters D, Koopman V, Goodman P and Goge C. 2007.. WRC Report No TT 340/08.

### **Scientific societies Membership**

- Grassland Society of Southern Africa
- South African Society of Aquatic Scientists
- Society of Wetland Scientists (SWS)