

Curriculum Vitae Daniël Petrus van Rensburg

Nationality : South Africa
Profession : Ecological Scientist
Specialization : Ecological processes, Vegetation Ecology, Karoo vegetation, Riparian vegetation & GIS
Date of birth : 01 August 1986
ID-Number : 8608015118088

QUALIFICATION:

UNIVERSITY OF THE FREE STATE

2005: B.Sc. Botany and Zoology (1)

2006: B.Sc. Botany and Zoology (2)

2007: B.Sc. Botany and Zoology (3)

2008: B.Sc. (Hons) Botany: Phytosociology of the Rolfontein Nature Reserve (Northern Cape Province)

2012: M.Sc. in Vegetation Ecology: A Phytosociological Survey of the Groen River and Related Catchment Communities, Upper Karoo Region

CONFERENCES, SYMPOSIA, WORKSHOPS AND COURSES

2008: Speaker at Kimberley Biodiversity Symposium

2009: Speaker at Orange River Symposium, University of the Free State

2010: Speaker at Orange River Symposium, University of the Free State

2011: Course in the determination of the present ecological state within the ecoclassification process

2011: Speaker at Department of Botany Symposium, University of Johannesburg

2011: Speaker at Orange River Symposium, University of the Free State

EXPERIENCE

2008: Took part in arachnological biodiversity survey for SANSA (South African National Survey of Arachnids) in the Prins Albert and Jansenville districts.

2009: Ecological specialist report for Uranium extraction plant, Welkom: H2ON Environmental Specialists

2009: Took part in survey of the genus *Babiana* in Western Cape Province. Areas surveyed include Scarborough, Velddrif, Langebaan, St. Helena Bay, Elands Bay, Piketberg, Graafwater, Vanrhynsdorp, Clanwilliam, Harolds Bay

2009: Assisted with the field data acquisition for the ecological leg of the Integrated Baseline Assessment of the Wetland Catchments/Watersheds: Motete, Sani and Letseng La Letsie, Lesotho.

2010: Took part in a phytosociological survey of the Gnamaseri floodplain in the Okavango Panhandle, Botswana

2010: Assisted with the acquisition and interpretation of aerial photographs obtained for the compilation of the Free State Biodiversity Plan currently in process

2010 – 2011: Environmental Control Officer for National Long Distance optic fibre project in Bloemfontein to Laingsburg area: Enviroworks Environmental Consultants

2009 – 2012: Ecological Specialist for MDA Environmental Consultants:

1. Report on the floristic and ecological assessment of the proposed Naval Hill reservoir and associated pipelines (Bloemfontein district).
2. Report on the floristic and ecological assessment of the proposed poultry farm, Wildealskloof 1205 (Bloemfontein district).
3. Report on the floristic and ecological assessment of the proposed pump station on the banks of the Caledon River (Smithfield district).
4. Report on the floristic and ecological assessment of the proposed Rouxville – Orange River pipeline.
5. Report on the floristic and ecological assessment of the proposed borrow pit (BP – 23), Bultfontein area.
6. Report on the floristic and ecological assessment of the proposed borrow pit (BP – 29), Bultfontein area.
7. Report on the floristic and ecological assessment of the proposed borrow pit (BP – 31), Bultfontein area.
8. Report on the floristic and ecological assessment of the proposed cattle feedlot on portion 2 of the farm Wildealskloof 1205 (Bloemfontein district).
9. Report on the floristic and ecological assessment for the proposed residential development in the Valley of Seven Dams (Bayswater – Bloemfontein)
10. Report on the floristic and ecological assessment of the proposed new cemetery (Ficksburg).
11. Report on the floristic and ecological assessment of the proposed poultry rearing facilities on the farm Georgia (Bloemfontein district).
12. Report on the floristic and ecological assessment of the proposed broiler facilities on the farm Heeltevrede (Bloemfontein district).
13. Report on the floristic and ecological assessment of the proposed borrow pit (BP 01 - 09), Petrusburg area.
14. Report on the floristic and ecological assessment of the proposed Zastron – Orange River pipeline.
15. Report on the floristic and ecological assessment of the proposed recreation resort and hotel in the Roodewal area (Bloemfontein).
16. Report on the floristic and ecological assessment of the proposed township establishment on plot 8, Spitskop small holdings (Bloemfontein).
17. Report on the floristic and ecological assessment of the proposed enlargement of the Sterkwater Sewage Works (Bloemfontein).
18. Report on the floristic and ecological assessment of the proposed enlargement of the Warrenton borrow pit.
19. Report on the floristic and ecological assessment of the proposed waste water works pipeline (Bloemfontein district).

20. Report on the floristic and ecological assessment of the proposed Wastewater Treatment Works and associated pipelines (Bloemfontein district).
21. Report on the floristic and ecological assessment of the proposed hospital and medical facility development in Kimberley.

2011: Took part in taxonomical survey in the Eastern Cape Province (Port St. Johns, Somerset East, Queenstown, Great Fish River Conservancy, Fort Beaufort, Stutterheim, Keiskammahoek, King Williams Town, Graaff Reinet, Petersburg).

2012 – present: Ecological Specialist for H2ON Environmental Specialists

1. Report on the floristic and ecological assessment of the proposed solar farm development on the farm Vogel's Rand 373, Hennenman, Free State.
2. Report on the floristic and ecological assessment of the proposed solar farm development on portion 4 of the farm Bronkhorstfontein Oost 45, Senekal, Free State.
3. Report on the floristic and ecological assessment of the proposed township development in Jan Kempdorp, Northern Cape Province.
4. Report on the floristic and ecological assessment of the proposed waste transfer station in Augrabies, Northern Cape Province.
5. Report on the floristic and ecological assessment of the established landfill site in Curries Camp, Northern Cape Province.
6. Report on the floristic and ecological assessment of the established landfill site in Keimoes, Northern Cape Province.
7. Report on the floristic and ecological assessment of the proposed borrow pit 09 on the farm Doornkop 412, Bloemfontein District.
8. Report on the floristic and ecological assessment of the proposed dam construction for the proposed Welkom outfall stormwater system in Thabong, Welkom.
9. Report on the floristic and ecological assessment of the proposed expansion of the Maseru Border post on various portions of the farm Platberg's Drift Annex 926.
10. Report on the floristic and ecological assessment of the proposed gravel borrow pit for Siyancuma Local Municipality, Griekwastad, Northern Cape Province.
11. Report on the floristic and ecological assessment of the proposed gravel borrow pit for Siyancuma Local Municipality, Campbell, Northern Cape Province.
12. Report on the floristic and ecological assessment of the proposed gravel borrow pit for Siyancuma Local Municipality, Schmidtsdrif, Northern Cape Province.
13. Report on the floristic and ecological assessment of the proposed upgrading of the Hoopstad Waste Water Treatment Works (WWTW).
14. Report on the floristic and ecological assessment of the proposed gravel borrow pit for Siyancuma Local Municipality, Douglas, Northern Cape Province.
15. Report on the floristic and ecological assessment of the proposed solar facility development on the farm Grootspuit 252/0 near Allanridge, Free State Province.
16. Report on the floristic and ecological assessment of the proposed expansion of the Alheit graveyard, Northern Cape Province.
17. Report on the floristic and ecological assessment of the proposed expansion of the Augrabies graveyard, Northern Cape Province.

18. Report on the floristic and ecological assessment of the proposed expansion of the Cillie graveyard, Northern Cape Province.
19. Report on the floristic and ecological assessment of the proposed waste transfer station in Sending settlement, Riemvasmaak Community, Northern Cape Province.
20. Report on the floristic and ecological assessment of the proposed waste transfer station in Vredesvallei settlement, Riemvasmaak Community, Northern Cape Province.
21. Report on the floristic and ecological assessment of the proposed biogas facility on the farm Hillandale 2960, Bloemfontein.
22. Report on the floristic and ecological assessment of the proposed chicken abattoir on Portion 5 of the Farm Groot Genoeg 2662, Bloemfontein.
23. Report on the River Index of Habitat Integrity (IHI) and riparian vegetation assessment for the proposed establishment of a measuring weir within the Caledon (Mohokare) River (Quarternary Drainage Region: D22D).
24. Report on the floristic and ecological assessment of the proposed borrow pit on the farm Sydenham 445, Bloemfontein District.
25. Report on the floristic and ecological assessment of the proposed rehabilitation of the N6 National Road between Onze Rust (Section 8, km 38.0) and Bloemfontein (Section 9, km 2.486).
26. Preliminary report on the ecological impacts of the proposed Strydenburg water transfer pipeline.

FIELD OF EXPERTISE

Environmental Impact Assessments
Ecological assessments
Biodiversity analysis
Vegetation assessments
Riparian vegetation
Succulent vegetation