

**Wildlife Conservation Decision
Support** (t/a)

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**Peer Review: Animal Species Compliance Statement – George Kerridge Housing
Development, Vredenburg**

The Animal Species Compliance Statement prepared by Mr N. W. Hanekom (Enviro-EAP (Pty) Ltd, May 2025) was reviewed with reference to the Protocol for the Specialist Assessment and Minimum Report Content Requirements for Environmental Impacts on Terrestrial Animal Species published as Government Notice 1150 of 2020 and amended by Government Notice 3717 of 2023 under section 24(5) of the National Environmental Management Act (Act 107 of 1998). The report was also considered against the guidance contained in the SANBI Species Environmental Assessment Guideline (Version 3.1, 2022). The author is registered with SACNASP in the field of Ecology and has provided a declaration of independence.

The compliance statement concludes that the proposed George Kerridge housing development, covering approximately eight hectares of previously transformed land on the edge of Vredenburg, is of low terrestrial-faunal sensitivity. This conclusion is adequately reasoned and consistent with the ecological setting of the site, which has been long modified by agricultural and residential activity. The specialist notes that no species of conservation concern were recorded and that the habitat offers little potential to support such species. The site inspection took place on 6 December 2023, during the summer activity season for most fauna, and the timing is therefore appropriate for verification of faunal presence or absence. From a biological standpoint, the finding of negligible faunal impact and the overall support for development are scientifically sound and defensible.

However, from a legislative and procedural perspective, the statement requires some refinement before it can be regarded as fully compliant with the gazetted protocols.

- 1) It is also noted that the Project Area of Influence (PAOI) has not been defined or mapped; inclusion of this spatial delineation is recommended to demonstrate full alignment with the SANBI guideline and current species-assessment protocol requirements.
- 2) Although the report refers to a literature review and desktop analysis, it does not explicitly specify which data sources, databases, or reference materials were consulted. The absence of clearly cited literature or data sources limits the reproducibility of the assessment and does not meet the transparency expectations outlined in the SANBI guideline and gazetted protocol.
- 3) The report includes a section on sampling density, no numerical data are provided on the number of sample sites, transect length, or total area covered. These quantitative details are essential to demonstrate adequate field effort. The methodology description is also rather general and would benefit from inclusion of a simple map or GPS-track figure showing the spatial extent of the survey coverage within the Project Area of Influence.
- 4) The report also does not demonstrate any evidence-based data submission or dissemination, such as listing observed fauna or uploading verified records to recognised biodiversity databases (e.g., iNaturalist). While this is not an explicit legal requirement for

a compliance statement, such evidence would strengthen the credibility and transparency of the field verification in line with the intent of the gazetted protocol.

- 5) The screening-tool verification is discussed in the text, but the actual screening-tool report or reference should be referenced to close the evidentiary loop.
- 6) Finally, although the statement concludes that no mitigation is required, it is best practice to propose a few standard conditions—such as a fauna chance-find protocol, restrictions on night lighting, pet control during construction, and alien-plant clearing—to ensure alignment with the Environmental Management Programme (EMPr).

In conclusion, I agree with the overall outcome of the Animal Species Compliance Statement and consider the finding of low terrestrial-faunal sensitivity to be ecologically sound and consistent with the site's transformed condition and low biodiversity potential. The assessment appropriately supports the proposed development from a faunal perspective.

However, several procedural aspects of the report could be strengthened to ensure full alignment with the gazetted Terrestrial Animal Species Protocol and SANBI guideline. These include providing clearer detail on data sources and sampling intensity, defining and mapping the Project Area of Influence, referencing the screening-tool output, and demonstrating an evidence-based record of species observations. While these omissions do not alter the validity of the low-sensitivity conclusion, addressing them would enhance the report's transparency, reproducibility, and overall compliance with current national biodiversity assessment standards.

Please do not hesitate to contact me for any enquiries.



Prof Jan A Venter

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Appendix

CV & SACNASP Certificate – Prof Jan A Venter








Curriculum Vitae

Jan Adriaan Venter



1. Personal information


Full name:	Jan Adriaan Venter	Home address:	8 Steve Landman Crescent, Loeriepark, George, 6529, South Africa
Age:	53		
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Web page: Wildlife Conservation Decision Support		Web page: Wildlife Ecology Lab	
 Scopus		 Google Scholar	

2. Tertiary qualifications

Degree	Institution	Research theme or modules	Time period
Doctor of Philosophy: Biology	University of Kwazulu-Natal	Intrinsic and extrinsic influences on African large herbivore assemblages and implications for their conservation.	2009 – 2014
Master of Technology: Nature Conservation	Nelson Mandela Metropolitan University	The feeding ecology of buffalo (<i>Syncerus caffer</i>) on Doornkloof Nature Reserve, Northern Cape, South Africa	2002-2006
Baccalaureus of Technology: Nature Conservation	Technikon Port Elizabeth	Plant studies IV; Research methodology; Fresh water management IV; Conservation management I; Principles of management I; Resource management IV	1998-1999
National Diploma: Nature Conservation	Technikon South Africa	Plant studies I, II and III; Animal studies I, II and III; Conservation Ecology I, II and III; Resource Management I, II and III; Conservation Communication I and II	1993-1996

3. Work experience

Institution	Institution details	Job description	Time period
Full time positions:			
 <p>NELSON MANDELA UNIVERSITY</p>	<p>Department of Conservation Management, Faculty of Science, Nelson Mandela University, George Campus, Madiba Drive, George, 6530</p>	<p><i>Associate Professor</i></p> <p><i>Head of Department: Conservation Management</i></p> <p><i>Program Coordinator: Nature Conservation and Game Ranch Management</i></p> <p><i>Senior Lecturer</i></p> <p><i>Lecturer</i></p>	<p>1 January 2021 – current date</p> <p>1 January 2021 – 31 December 2023</p> <p>1 June 2017- 31 December 2020</p> <p>1 January 2018 – 31 December 2020</p> <p>1 June 2015- 31 December 2017</p>
 <p>ADVENTURE PROVINCE <i>Eastern Cape</i> PARKS & TOURISM AGENCY</p>	<p>Scientific Section, 6 St Marks Street, Southernwood, East London, South Africa, 5201. Tel: 043 7054400</p>	<p><i>Specialist Ecologist</i> <i>Area of responsibility:</i> Eastern Cape Provincial Protected areas as well as National Marine Protected Areas <i>Responsible for:</i> Research, monitoring and specialist decision support on biodiversity conservation, protected area expansion and wildlife management. Manager of the Marine Scientific Unit (1 x Marine ecologist and 1 x Marine Technician)</p> <p><i>Ecologist</i> <i>Area of responsibility:</i> Wild Coast (Mkambati, Silaka, Hluleka & Dwesa-Cwebe, East London Coast Nature Reserves; Pondoland, Hluleka & Dwesa-Cwebe Marine Protected Areas) also Baviaanskloof Mega Reserve <i>Responsible for:</i> Facilitating and conducting research, biological monitoring as well as decision support to conservation management</p>	<p>1 November 2011 – 31 May 2015</p> <p>1st March 2006 – 31 October 2011</p>
 <p>UNIVERSITY OF LIMPOPO</p>	<p>School of Agricultural and Environmental Sciences, University of Limpopo, Private Bag X1106, Sovenga, 0727.</p>	<p><i>Senior Technician</i> <i>Area of responsibility:</i> Aquaculture Research Unit <i>Responsible for:</i> Technical and research support for the research unit</p>	<p>1st May 2004 – 28th February 2006</p>

 Department: Environmental Affairs and Nature Conservation	Doornkloof Nature Reserve, PO Box 94, Colesberg, 9795	<i>Protected Area Manager</i> <i>Area of responsibility:</i> Doornkloof Nature Reserve <i>Responsible for:</i> General, conservation and wildlife management of the nature reserve	1 st September 1998 – 28 th April 2004
	Namakwa District Office, Private Bag X6, Calvinia, 8190	<i>District Nature Conservation Officer</i> <i>Area of responsibility:</i> Namakwa-Hantam District <i>Responsible for:</i> Law enforcement, environmental education, conservation advice and community liaison	6 th January 1997 – 30 th August 1998
Part-time/Contract positions: University of Pretoria	Centre for Wildlife Management, University of Pretoria, Pretoria, 0002	<i>Technician</i> <i>Area of responsibility:</i> Centre for Wildlife Management <i>Responsible for:</i> Technical and research support for the research unit	19 th June 1996 – 31 st December 1996
North-West Parks Board	Pilanesberg National Park, PO Box 1201, Mogwase, 0302	<i>Volunteer</i> <i>Area of responsibility:</i> Pilanesberg National Park <i>Responsible for:</i> Assisted field ecologist with data collection and field work	15 th May 1996 – 17 th June 1996
Cape Nature Conservation	Outeniqua Nature Reserve, Private Bag X6517, George, 6530	<i>Student Nature Conservator</i> <i>Area of responsibility:</i> Outeniqua Nature Reserve <i>Responsible for:</i> Assisted reserve manager with conservation management and field work	15 th May 1995 – 6 th May 1996

4. Ratings & Impacts

Agency	Rating
South African National Research Foundation	C3 (Rating)
Google Scholar	20 (h-index)
Scopus	15 (h-index)

5. Scientific output

Peer reviewed Journal Publications (shading indicates publications by postgraduate students and post-doctoral researchers under my supervision)
1) DAVIS, RS., GOPALAWAMY, AM., ELIOT, NB., VENTER, JA. (2025) Using spatial capture-recapture models to inform lion (<i>Panthera leo</i>) management in fenced protected areas. The Journal of Wildlife Management https://doi.org/10.1002/jwmg.70085
2) VAN BERGEN, G., COETZEE, A., VENTER, J.A., ROETS, F, SWART, RC. (2025) Small forest patches support greater diversity of dung and carrion beetles compared to large continuous forest in South Africa, during Winter months. African Zoology 60(3) https://doi.org/10.1080/15627020.2025.2543237
3) DAVIS, RS, SALOOJEE, K, VENTER, JA. 2025. Using a recently developed camera trapping method to improve monitoring efforts for African small carnivore species. Ecological Solutions and Evidence. 6:e70091. https://doi.org/10.1002/2688-8319.70091
4) THEL, L, STOLS, D, ORTH, S, LAGENDIJK, DDG, SLOTOW, R, VENTER, JA, FRITZ, H. 2025. Long-term effects of an elephant-dominated browser community on the architecture of trees in a fenced reserve. Biotropica. 57:e70078 https://doi.org/10.1111/btp.70078
5) MALULEKE, A., MARNEWICK, K, DRUCE, D, VENTER, JA. (In press) Spotted hyaena (<i>Crocuta crocuta</i>) recolonisation:

Documenting a naturally recolonised spotted hyaena population in Welgevonden Game Reserve. African Journal of Wildlife Research.
6) DESTERCKE, A., JANSEN VAN VUUREN, A., VENTER, J.A., 2025 Dominance at the Dinner Table: Interspecific Competition Between Hyaenas and Jackals at Scavenging Sites. African Journal of Ecology, 63:e70080 https://doi.org/10.1111/aje.70080
7) WARRER, C.H., RIEDNER, D.C., BRIEFER, E.F., VENTER, J.A., DAVIS, R.S. 2025. Identifying areas of high snaring risk in Kruger National Park: A novel citizen science approach for carnivore conservation. Biological Conservation 310: 11353. https://doi.org/10.1016/j.biocon.2025.111353
8) DEVARAJAN, K. et al (multiple authors) 2025. When the wild things are: Defining mammalian diel activity and plasticity. Science Advances. 11, eado3843. https://www.science.org/doi/full/10.1126/sciadv.ado3843
9) OVERTON, E.K., DAVIS, R.S., PRUGNOLLE, F., ROUGERON, V., HONNIBAL, T., SIEVERT, O., VENTER, J.A. 2025 Carrion in Bomas: Multiple Observations of Cheetah (<i>Acinonyx jubatus</i>) Scavenging Events and Potential Causes in Managed Populations. Ecology and Evolution. https://doi.org/10.1002/ece3.70776
10) FORTIN, D., BROOKE, C.F., FRITZ, H. & VENTER, J.A. 2024. The temporal scale of energy maximization explains allometric variations in movement decisions of large herbivores. Ecosphere. 15:e70101. https://doi.org/10.1002/ecs2.70101
11) ZELLER ZIGAITIS, W.L., ROBINSON, A.C., VENTER, J.A., SPURIGO, L.T. & HOOG, A., 2024. Protected areas and disparate data: understanding geospatial data synthesis in poaching mitigation, Papers in Applied Geography. https://doi.org/10.1080/23754931.2024.2406470
12) BERNARD, A., GUERBOIS, C., MOOLMAN, L., DE MORNEY, M.A., VENTER, J.A., FRITZ, H. 2024. Combining local ecological knowledge with camera traps to assess the link between African mammal life-history traits and their occurrence in anthropogenic landscapes. Journal of Applied Ecology. 2024;00: 1–13. https://besjournals.onlinelibrary.wiley.com/doi/full/10.1111/1365-2664.14742
13) VISAGIE, M., DAVIS, R., VENTER, J.A., HONNIBALL, T. (2024) Using spatial capture-recapture models to estimate spotted hyaena (<i>Crocuta crocuta</i>) population density and assess the influence of sex-specific covariates on space use and detection probability. Conservation Science and Practise. 2024;e13214. https://doi.org/10.1111/csp2.13214
14) HELM, C., CARR, A., CAWTHRA, H., DE VYNCK, J., LOCKLEY, M., DIXON, M., RUST, R., STEAR, W., THESEN, G., VAN BERKEL, F., VENTER, J., 2024. Pleistocene ichnological heritage in national parks on the cape coast: attributes, challenges, and solutions. Koedoe 66(2), a1786. https://doi.org/10.4102/koedoe.v66i2.1786
15) HONIBALL, T., DAVIS, R., NTLOKWANA, L. & VENTER, J.A. (2024) Lion lords and sharing hyaenas: Carnivore guild dynamics around elephant carcasses. Ecology and Evolution 14:e11373. https://doi.org/10.1002/ece3.11373
16) VERMEULEN, M.M., FRITZ, H., STRAUSS, W.M., HETEM, R.S., VENTER, J.A. (2024) Seasonal activity patterns of a Kalahari mammal community: trade-offs between environmental heat load and predation pressure. Ecology and Evolution 14:e11304. https://doi.org/10.1002/ece3.11304
17) BERNARD, A., GUERBOIS, C., VENTER, J.A., FRITZ, H. (2024) Comparing local ecological knowledge with camera trap data to study mammal occurrence in anthropogenic landscapes of the Garden Route Biosphere Reserve. Conservation Science and Practise. https://doi.org/10.1111/csp2.13101
18) HONIBALL, T.-L. & VENTER, J.A. (2024). A record of thanatological type behaviour in spotted hyaenas, <i>Crocuta crocuta</i> (Erleben, 1777). Tropical Zoology, 37(1-2). https://doi.org/10.4081/tz.2024.136
19) BERNARD, A., FRITZ, H., DUFOUR, A., VENTER, J.A., GUERBOIS, C. (2024) A local ecological knowledge-based assessment of anthropodependence for large mammals in anthropogenic landscapes. Biological Conservation 290:110450 https://doi.org/10.1016/j.biocon.2024.110450
20) DAVIS, R., OVERTON, E., PRUGNOLLE, F., ROUGERON, V., HONIBALL, T., SIEVERT, O. & VENTER, J.A. (2024) Baboons (<i>Papio spp.</i>) as a potentially underreported source of food loss and kleptoparasitism of cheetah (<i>Acinonyx jubatus</i>) kills. Food Webs 38. https://doi.org/10.1016/j.fooweb.2023.e00331
21) CLEMENTS, H. et al (multiple authors) (2024) The bii4africa dataset of faunal and floral population intactness estimates across Africa's major land uses. Scientific Data 11:191 https://doi.org/10.1038/s41597-023-02832-6
22) NICVERT, L., DONNET, S., KEITH, M., PEEL, M., SOMERS, M.J., SWANEPOEL, L.H., VENTER, J.A., FRITZ, H., DRAY, S. (2024) Using the multivariate Hawkes process to study interactions between multiple species from camera trap data. Ecology https://doi.org/10.1002/ecv.4237
23) DAYA, J., FRITZ, H., VENTER, J.A. (2024) Diet preference of black rhinoceros (<i>Diceros bicornis</i>) at Welgevonden Game Reserve across different seasons. African Journal of Range and Forage Science. https://doi.org/10.2989/10220119.2023.2276840
24) HELM, CW, BATEMAN, MD., CARR, AS., CAWTHRA, HC., DE VYNCK, JC., DIXON, MG., LOCKLEY, MG., STEAR, W. & VENTER, JA. (2023) Pleistocene fossil snake traces on South Africa's Cape south coast, Ichnos, 30(2): 98-114. https://doi.org/10.1080/10420940.2023.2250062
25) STRYDOM, Z., GREMILLET, D., FRITZ, H., VENTER, J.A., COLLET, J., KATO, A., PICHEGRU, L. (2023). Age and sex-specific foraging movements and energetics in an endangered monomorphic seabird. Marine Biology 138

	https://link.springer.com/article/10.1007/s00227-023-04288-z
26)	SMITH, K., VENTER, J. A., PEEL, M., KEITH, M., & SOMERS, M. J. (2023). Temporal partitioning and the potential for avoidance behaviour within South African carnivore communities. <i>Ecology and Evolution</i> , 13, e10380. https://doi.org/10.1002/ece3.10380
27)	BROOKE, C.F., MAREAN, C., WREN, S.B., FAHEY, P., VENTER, J.A. (2023) Drivers of large mammal distribution: an overview and modelling approach for palaeoecological reconstructions of extinct ecosystems. <i>Biological Journal of the Linnean Society</i> . https://doi.org/10.1093/biolinnean/blad100
28)	BALL, I.A., MARNEWECK, D.G., ELLIOT, N.B., GOPALASWAMY, A.M., FRITZ, H., VENTER, J.A. (2023) Considerations on effort, precision and accuracy for long term monitoring of African lions (<i>Panthera leo</i>), when using Bayesian spatial explicit capture-recapture models, in fenced protected areas. <i>Ecology & Evolution</i> 13, e10291. https://doi.org/10.1002/ece3.10291
29)	MARNEWICK, K., SOMERS, M.J., VENTER, J.A., KERLEY, G.I.H. (2023) Are we sinking African cheetahs in India? <i>S Afr J Sci</i> . 2023;119(7/8), Art. #15617. https://doi.org/10.17159/sajs.2023/15617
30)	BERNARD, A., MOOLMAN, L., DE MORNEY, M.A., GUERBOIS, C., VENTER, J.A., FRITZ, H. (2023) Height related detection biases in camera trap surveys: Insights for combining data from various sources. <i>Koedoe</i> . 65(1), a1734. https://doi.org/10.4102/koedoe.v65i1.1734
31)	HELM, C.W., CARR, S.C., CAWTHRA, H.C., DE VYNCK, J.C., DIXON, M.G., GRÄBE, P., THESEN, H.H. VENTER, J.A. (2023) Tracking the extinct giant Cape Zebra on the south Coast of South Africa. <i>Quaternary Research</i> 1-13. https://doi.org/10.1017/qua.2023.1
32)	REEVES, B., BROOKE, C.F., VENTER, J.A., CONRADIE, W. (2022) The reptiles and amphibians of the Mpopu-Fort Fordyce Nature Reserve complex in the Winterberg Mountains, Eastern Cape Province, South Africa. <i>African Journal of Wildlife Research</i> 52: 134–145 https://doi.org/10.3957/056.052.0134
33)	HELM, C.W., CARR, S.C., CAWTHRA, H.C., DE VYNCK, J.C., DIXON, M.G., LOCKLEY, M.G., STEAR, W., VENTER, J.A. (2022) Large Pleistocene tortoise tracks on the Cape south coast of South Africa. <i>Quaternary Research</i> , 1-18. https://doi.org/10.1017/qua.2022.50
34)	STRYDOM, Z., WALLER, L.J., BROWN, M., FRITZ, H., VENTER, J.A. (2022) The influence of nest location and the effect of predator removal on Cape Gannet egg predation by Kelp Gulls. <i>Ostrich</i> 93(2): 120-128. https://doi.org/10.2989/00306525.2022.2110535
35)	PARDO, L.E., SWANEPOEL, L., CURVEIRA-SANTOS, G., FRITZ, H., VENTER, J.A. (2022) Habitat structure, not the anthropogenic context or large predators shapes occupancy of a generalist mesopredator across protected areas in South Africa. <i>Mammal Research</i> 67: 265–278. https://doi.org/10.1007/s13364-022-00636-4
36)	STRYDOM, Z., WALLER, L.J., BROWN, M., FRITZ, H., VENTER, J.A. (2022) Factors that influence Cape fur seal predation on Cape gannets at Lambert’s Bay, South Africa. <i>PeerJ</i> 10:e13416 http://doi.org/10.7717/peerj.13416
37)	JANSEN VAN VUUREN, A., FRITZ, H. & VENTER, J.A. (2022) Five small antelope species diets indicate different levels of anthrodependence in the Overberg Renosterveld, South Africa. <i>African Journal of Ecology (Online)</i> https://doi.org/10.1111/aje.13030
38)	BROOKE, C.F., MAREAN, C.W., WREN, C.D., FRITZ, H., VENTER, J.A. (2022). Using functional groups to predict the spatial distribution of large herbivores on the Paleo-Agulhas Plain, South Africa during the Last Glacial Maximum. <i>Journal of Quaternary Science</i> , 1-13. http://doi.org/10.1002/jqs.3430
39)	KANE, A., MONADJEM, A., BILDSTEIN, K., BOTHA, A., BRACEBRIDGE, C., BUECHLEY, E.R., BUIJ, R., DAVIES, J.P., DIEKMANN, M., DOWNS, C., FARWIG, N., GALLIGAN, T., KALTENECKER, G., KELLY, C., KEMP, R., KOLBERG, H., MACKENZIE, M., MENDELSON, J., MGUMBA, M., NATHAN, R., NICHOLAS, A., OGADA, D., PFEIFFER, M.B., PHIPPS, W.L., PRETORIUS, M., RÖSNER, S., SCHABO, D.G., SPIEGEL, O., THOMPSON, L.J., VENTER, J.A., VIRANI, M., WOLTER, K., KENDALL, C. (2022). Continent-wide variation in vulture ranging behavior to assess feasibility of Vulture Safe Zones in Africa: Challenges and possibilities. <i>Biological Conservation</i> 268:109516 https://doi.org/10.1016/j.biocon.2022.109516
40)	EVERS, E.M., PRETORIUS, M.E., VENTER, J.A., HONIBALL, T., KEITH, M., MGQATSA, N., SOMERS, M.J. (2022). Varying degrees of spatio-temporal partitioning between large carnivores in a fenced reserve, South Africa. <i>Wildlife Research</i> https://doi.org/10.1071/WR21045
41)	HELM, C.W., CARR, A.S., CAWTRA, H.C., DE VYNCK, J.C., DIXON, M., STEAR, W., STUART, MC., STUART, M., VENTER, J.A. (2022). Possible Pleistocene Pinniped Ichnofossils on South Africa’s Cape South Coast. <i>Journal of Coastal Research</i> 38(4): 735-749 https://doi.org/10.2112/JCOASTRES-D-21-00131.1
42)	LOCKLEY, M.G., HELM, C.W., CAWTRA, H.C., DE VYNCK, J.C., DIXON, M., VENTER, J.A. (2022) Small mammal and arthropod trackways from the Pleistocene of the Cape south coast of South Africa. <i>Quaternary Research</i> , 107: 178–192. https://doi.org/10.1017/qua.2021.77
43)	HONIBALL, T., SOMERS, M.J., FRITZ, H., VENTER, J.A. (2021) Feeding ecology of the large carnivore guild in Madikwe Game Reserve, South Africa. <i>African Journal of Wildlife Research</i> 51: 153-165. https://hdl.handle.net/10520/ejc-wild2-v51-n1-a16
44)	FAURE, J.P.B., SWANEPOEL, L.H., CILLIERS, D., VENTER, J.A., HILL, R.A. (2021) Estimates of carnivore densities in a human-

	dominated agricultural matrix in South Africa. <i>Oryx</i> . pp. 1-8. DOI: https://doi.org/10.1017/S003060532100034X
45)	BULLOCK, K., WOOD, A., DAMES, V.A., VENTER, J.A., GREEFF, J. 2021. A decade of surf-zone linefish monitoring in the Dwesa-Cwebe Marine Protected Area, with a preliminary assessment of the effects of rezoning and resource use. <i>African Journal of Marine Science</i> . 43(3):1-15. https://doi.org/10.2989/1814232X.2021.1951353
46)	ALEXANDER, GJ, TOLLEY, KA, MARITZ, B, MCKECHNIE, A, MANGER, P, THOMSON, RL, et al. (2021) Excessive red tape is strangling biodiversity research in South Africa. <i>S Afr J Sci</i> . 2021;117(9/10), Art. #10787. https://doi.org/10.17159/sajs.2021/10787
47)	HELM, C.W., CAWTRA, H.C., COWLING, R.M., DE VYNCK, J.C., LOCKLEY, M.G., MAREAN, C.W., DIXON, M.G., HELM, C.J.Z., STEAR, W., THESEN, G.H.H., VENTER, J.A. (2021). Protecting and preserving South African aeolianite surfaces from graffiti. <i>Koedoe</i> 63(1), a1656. https://doi.org/10.4102/koedoe.v63i1.1656
48)	BROOKE, C.F., MAREAN, C.W., WREN, C.D., FRITZ, H. & VENTER, J.A. (2021). Retrodicting large herbivore biomass for the last glacial maximum on the Palaeo-Agulhas Plain (South Africa) using modern ecological knowledge of African herbivore assemblages and rainfall. <i>Quaternary Research</i> . :1-15 https://doi.org/10.1017/qua.2021.23
49)	BURT, C., FRITZ, H., KEITH, M., GUERBOIS, C. & VENTER, J.A. (2021). Assessing different methods for measuring mammal diversity in two southern African arid ecosystems. <i>Mammal Research</i> 66: 313-326. https://link.springer.com/article/10.1007/s13364-021-00562-x
50)	PARDO, L.E., BOMBACI, S., HUEBNER, S.E., SOMERS, M.J., FRITZ, H., DOWNS, C., GUTHMANN, A., HETEM, R.S., KEITH, M., LE ROUX, A., MGQATSA, N., PACKER, C., PALMER, M.S., PARKER, D.M., PEEL, M., SLOTOW, R., STRAUSS, W.M., SWANEPOEL, L., TAMBLING, C., TSIE, N., VERMEULEN, M., WILLI, M., JACHOWSKI, D., VENTER, J.A. (2021) Snapshot Safari: A large-scale collaborative to monitor Africa's remarkable biodiversity. <i>South African Journal of Science</i> 117(1/2), Art. #8134. https://doi.org/10.17159/sajs.2021/8134
51)	YOUNG, C., FRITZ, H., SMITHWICK, E. & VENTER, J.A. (2020) Patch-scale selection patterns of grazing herbivores in the central basalt plains of Kruger National Park. <i>African Journal of Range and Forage Science</i> 37(3): 199-213. https://doi.org/10.2989/10220119.2020.1733084
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2) VENTER J, CHILD MF. 2016. A conservation assessment of <i>Alcelaphus buselaphus caama</i> . In Child MF, Roxburgh L, Do Linh San E, Raimondo D, Davies-Mostert HT, editors. The Red List of Mammals of South Africa, Swaziland and Lesotho. South African National Biodiversity Institute and Endangered Wildlife Trust, South Africa
3) VENTER J, SEYDACK A, EHLERS_SMITH Y, UYS R, CHILD MF. 2016. A conservation assessment of <i>Philantomba monticola</i> . In Child MF, Roxburgh L, Do Linh San E, Raimondo D, Davies-Mostert HT, editors. The Red List of Mammals of South Africa, Swaziland and Lesotho. South African National Biodiversity Institute and Endangered Wildlife Trust, South Africa.
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7) BURGER, M. & VENTER, J.A. 2013. Reptiles and Amphibians of Mkambati Nature Reserve In: Mkambati and the Wild Coast: South Africa and Pondoland's Unique Heritage, Second edition, by Div De Villiers and John Costello.
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2) VENTER, J.A. & SWART, R. 2025. Section 24G Terrestrial Animal Site Sensitivity Verification Report and Compliance Statement: Development of an unlawful dam within a watercourse on No. 232, Portion 17 of the Farm Redford, The Craggs, Bitou Municipal Area. Technical Report prepared for Bokamoso Environmental Consultants, George, Western Cape, ZA.
3) VENTER, J.A. 2025. Terrestrial Animal Site Sensitivity Verification and Species Specialist Assessment Report - Proposed Residential Development on Portion 4 of the Farm 643, Stanford. Technical Report prepared for Lornay Environmental Consulting, Hermanus, Western Cape, ZA.
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5) VENTER, J.A. 2025. Terrestrial Animal Site Sensitivity Verification Report and Compliance Statement - Proposed residential development of RE281, Paapekuilfontein, Struisbaai. Technical Report prepared for Lornay Environmental Consulting, George, Western Cape, ZA.
6) VENTER, J.A., PEEL, M.J.S., MARTINDALE, G., HECHTER, F.S. 2025. Maputo National Park Wildlife Offtakes Operational Plan. Mozambique. Technical Report, Mozambique National Administration of Conservation Areas (ANAC) & Peace Parks Foundation, Maputo, Mozambique.
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17) VENTER, J.A., PEEL, M.J.S., & WOLFAARD, G.C.M. 2023. An ecological assessment of potential sanctuaries for White Rhino (<i>Ceratotherium simum</i>) in Limpopo National Park, Mozambique. Unpublished report, Peace Parks Foundation, Maputo, Mozambique.
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21) VENTER, J.A., FOUICHE, P.S.O, VLOK, W., MOYO, N.A.G., GROBLER, P., THERON, S. 2010. A guide to the development of conservation plans for southern African fish species. WRC Report No. 1677/1/10. Water Research Commission, Pretoria South Africa.
Presentations at conferences and symposia (International conferences are shaded)
1) VENTER, JA, DAVIS, R., RYAN, R., BALL, I., ELLIOT, N., GOPALASWAMY, A., GROOM, R., WATERMEYER, J., TZITZIKA, I. 2025 Landscapes, and Evidence: A Multi-Site Evaluation of Robust Monitoring for African Carnivore Conservation. International Wildlife Congress, 1-4 September 2025, Lillehammer, Norway.
2) HONIBALL, T., VALEIX, M., FRITZ, H., SWANEPOEL, L. & VENTER, J.A. 2025. Rather the enemy you know: Territorial behaviour of spotted hyaenas in fenced protected areas. IX European Congress of Mammalogy (ECM 9), 31 March - 4 April 2025, Patras, Greece.
3) VENTER, J.A., PARDO, L, OSNER, N.R., HUEBNER, S., NICVERT, L., SWANEPOEL, L., PEEL, M., SOMERS, M., KEITH, M., FRITZ, H. 2023 Running a large-scale, long-term camera trap monitoring project for conservation in Africa, the SnapshotSafari experience. 13th International Mammalogical Congress, Anchorage, Alaska, USA
4) HONIBALL, T., VALEIX, M., FRITZ, H., SWANEPOEL, L. & VENTER, J.A. 2023 The Human-Wildlife Landscape: Effects of Fences as a Conservation Management Tool, 13th International Mammalogical Congress, Anchorage, Alaska, USA
5) VENTER, J.A. & BETTINGS, I. (2022) Using a spatially explicit capture-recapture model to investigate the demography and spatial dynamics of lion prides in Pilanesberg National Park. 2 nd Northwest Provincial Annual Biodiversity Research Symposium, Rustenburg, South Africa.
6) VENTER, J.A. & SWARTZ, Y. (2019) Insights into past and present behaviour and impacts of a fast-growing elephant population in Madikwe Game Reserve. 1 st North West Provincial Annual Biodiversity Research Symposium, Cookes Lake, Mahikeng, South Africa.
7) VENTER, JA, BROOKE, C., MAREAN, C., FRITZ, H. & HELM, C. 2019. Conceptual reconstruction of Late Pleistocene large mammal assemblages of the Palaeo-Agulhas Plain reveals resilience to climate change but vulnerability to modern humans. 8 th European Congress of Mammalogy, Warsaw, Poland.
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9) VENTER, JA, BROOKE, C., MAREAN, C., FRITZ, H. & HELM, C. 2019. Conceptual reconstruction of large mammal

communities on the Palaeo-Aghulas Plain. Annual Meeting & Centennial celebration of the American Society of Mammalogists, Hyatt Regency Washington on Capitol Hill, Washington DC.	
10) VENTER, J.A., VERMEULEN, M.M., PACKER, C., SLOTOW, R., DOWNS, D., SOMERS, M.J., PEEL, M., SWANEPOEL, L., MGQATSA, N., FRITZ, H., WILLOWS-MUNRO, S., KEITH, M., PARKER, D., LE ROUX, A. 2018. Snapshot Safari – South Africa: Contemporary applications of camera traps to monitor mammal communities in South African protected areas. Joint SANBI Biodiversity Information Management & Foundational Biodiversity Information Programme Forum, Cape St Francis, Eastern Cape, South Africa.	
11) VENTER, J.A., PRINS, H.H.T., MASHANOVA, A., & SLOTOW, R., 2017. Ungulates rely less on visual cues, but more on adapting movement behaviour, when searching for forage, 12th International Mammalogical Congress, Perth, Western Australia.	
12) VENTER, J.A., MARTENS, F.R., PFEIFFER, M.B., DOWNS, C.T. 2017. Cape vultures and wind turbines: Between a rock and a hard place. Southern African Wildlife Management Association Symposium: Wildlife management in the face of global change, Goudini, Western Cape Province, South Africa	
13) VENTER, J.A., PRINS, H.H.T., MASHANOVA, A., DE BOER, W.F., & SLOTOW, R., 2014. Intrinsic and extrinsic factors influencing large African herbivore movements. Southern African Wildlife Management Association Symposium: Reconciling the contradictions of wildlife management in southern Africa. Pine Lodge Resort, Port Elizabeth, Eastern Cape, South Africa.	
14) VENTER, J.A., PRINS, H.H.T., MASHANOVA, A., DE BOER, W.F., & SLOTOW, R., 2014. Intrinsic and extrinsic factors influencing large African herbivore movements. Spatial Ecology & Conservation 2, University of Birmingham, Birmingham, United Kingdom.	
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16) VENTER, J.A., NABE-NIELSEN, J., PRINS, H.H.T., SLOTOW, R. 2012. Fire-patch foraging by red hartebeest and zebra in nutrient limited grassland under variable predation risk. Southern African Wildlife Management Association Symposium: Responsible Biodiversity Research and Wildlife Management, Klein Kariba, Limpopo Province, South Africa.	
17) VENTER, J.A., FOUICHE, P. & VLOK, W. 2010. The development of a conservation framework for threatened southern African fish. 24th International Congress for Conservation Biology, Edmonton, Canada.	
18) HAMER, M., SLOTOW, R. & VENTER, J.A. 2008. Patterns of invertebrate species richness and endemism in a protected area on the Pondoland Coast, South Africa. Southern African Wildlife Management Association Symposium: Wildlife Management – Biodiversity Conservation: The science-management interface. Impekweni Resort, Port Alfred, Eastern Cape, South Africa.	
19) VENTER, J.A., 2005. The feeding ecology of Cape buffalo on Doornkloof Nature Reserve, Northern Cape Province. Southern African Wildlife Management Association Symposium: Wildlife Management – A conservation or economic Incentive, Magoebaskloof, Limpopo Province South Africa.	
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21) VENTER, J.A., 2001. The Karoo habitat of the Blue Crane (<i>Anthropoides paradiseus</i>). The 13th South African Crane Working Group Workshop and the Southern African Strategy Meeting, South African Crane Working Group. Howick, Kwazulu-Natal, South Africa.	
Poster presentations (International conferences are shaded)	
1)	
2) VENTER, J.A. 2011. The value of science to improve conservation management effectiveness in marine protected areas. World Marine Biodiversity Conference 2011, Aberdeen, Scotland. (Digital object presentation)	
3) VENTER, J.A., FOUICHE, P. & VLOK, W. 2010. The current distribution of <i>Opsaridium peringueyi</i> in South Africa: Is there reason for concern? 8th Annual Science Networking Meeting, Kruger National Park, Skukuza, Mpumalanga, South Africa.	
4) VENTER, J.A., MOYO, N., VLOK, W., FOUICHE, P. & GROBLER, J.P. 2005. The ecology and distribution of the Southern Barred Minnow (<i>Opsaridium peringueyi</i>) in some southern African river systems. Southern African Wildlife Management Association Symposium: Wildlife Management – A conservation or economic Incentive, Magoebaskloof, Limpopo, South Africa.	
Grant funding	
National Research Foundation Bill Branch Memorial Grant Oppenheimer Trust Ernest and Ethel Eriksen Trust Copenhagen Zoo	Society for Conservation Biology National Geographic Society Forestry CETA Rufford Foundation Templeton Foundation

Shangani Ranch Amarula Elephant Fund The Elephant Managers Association The Palaeontological Scientific Trust Fynbos Trust Grootbos Foundation Fairfield Fund Dormehl Cunningham Scholarship Funding Cape Leopard Trust	Waitt Grants Program US National Science Foundation South African Water Research Commission Harry and Anette Swartz Foundation Lion Recovery Fund Tswalu Foundation Madikwe Wildlife Trust Panthera		
Review of journal manuscripts			
African Journal of Wildlife Research, African Journal of Marine Research, African Zoology, African Ecology, International Journal of Marine Science, Environmental Monitoring and Assessment, Ecological Applications, Acta Theriologica, Ecological Research, International Journal of Biodiversity and Conservation, PeerJ, Ecological Informatics, Mammal Research, Urban Forestry & Urban Greening, Journal of Arid Environments, Biodiversity and Conservation, Journal of Ornithology, Transportation Research Part D: Transport and Environment, Remote Sensing in Ecology and Conservation, Mammalia, Ecological Monographs, Kudu, Global Ecology and Conservation			
Research reviews or supervisory panels			
National Research Foundation	NRF Researcher Rating Review	2020 (Reviewer)	
National Research Foundation	Postdoctoral, Travel, General and International Research Grants Virtual Peer Review Panel	2020 (Review Panel)	
National Research Foundation	Postgraduate Bursaries/ Travel Grants Virtual Peer Review Panel	2019 (Review Panel)	
National Research Foundation	Physiological plasticity of water-dependent antelope	2019 (Reviewer)	
National Research Foundation	Mechanisms of resource selection and space use in a recovering rare antelope population	2018 (Reviewer)	
Water Research Commission	WRC Project K5/2337 - Assessing the effect of global climate change on indigenous and alien fish in the Cape Floristic Region	2014-2017 (supervisory panel)	
Water Research Commission	WRC Project K5/2039 - To understand the unintended spread and impact of alien and invasive fish species in order to develop mitigation and prevention guidelines.	2012-2014 (supervisory panel)	
Water Research Commission	WRC Project K5/2187 – The resilience of South Africa’s estuaries to future water resource development based on a provisional ecological classification of these systems.	2012-2014 (supervisory panel)	
Water Research Commission	WRC Project K5/2261 - Evaluating fish and macro-invertebrate recovery rates in the Rondegat river, Western Cape, after river rehabilitation by alien fish removal using rotenone.	2013-2016 (supervisory panel)	
Student supervision			
BSc Hon/BTech			
1) M. Mbiko	Honours degree (Zoology), Walter Sisulu University, Co-supervisor	The study of dietary niche separation for ungulates in Mkambati Nature Reserve, using the stable carbon isotopes	Completed (2014)
2) E. Jones	BTech (Nature Conservation), NMU, Supervisor	Amphibians and Vegetation as indicators of Conservation Value of Wetlands in an Anthropogenically Impacted Landscape	Completed (2016) <i>Cum Laude</i>
3) K. Green	BTech (Nature Conservation), NMU, Supervisor	Variables affecting mammal species rate of capture as evaluated by camera traps on Tswalu Kalahari Reserve	Completed (2016)
4) B White	BTech (Nature Conservation), NMU, Supervisor	Water Bird Counts Along the Klein Brak River: A Study on the Precision of Citizen Science Counts	Completed (2016)
5) P Rossouw	BTech (Nature Conservation), NMU, Supervisor	Herpetological biodiversity in areas adjacent to the Wilderness section of the Garden Route National Park	Completed (2016)

6) S. Schimmel	BTech (Nature Conservation), NMU, Supervisor	Mammal diversity and density in transformed and natural landscapes of a conservation corridor adjacent to the Garden Route National Park, Western Cape	Completed (2016)
7) S. Atkinson	BTech (Nature Conservation), NMU, Supervisor	The precision of waterfowl numbers through Co-ordinated Waterbird Counts on the Great Brak Estuary	Completed (2016)
8) A. Robinson	BTech (Nature Conservation), NMU, Supervisor	Does distance from water influence herbivore assemblages in Kruger National Park?	Completed (2017)
9) D. van Aswegen	BTech (Nature Conservation), NMU, Supervisor	The effect of forest fragmentation on forest bird diversity and movement in a plantation dominated landscape	Completed (2017)
10) KL Midlane	BTech (Nature Conservation), NMU, Supervisor	Amphibian and reptile biodiversity patterns in commercial plantations of the Southern Cape	Completed (2017)
11) M. Gouws	BTech (Nature Conservation), NMU, Supervisor	Do different herbivores influence soil nitrogen levels in Satara, Kruger National Park?	Completed (2017)
12) O. Rynders	BTech (Nature Conservation), NMU, Supervisor	Forest fragmentation and its effects on invertebrate diversity and abundance	Completed (2017) <i>Cum Laude</i>
13) Z. Schoeman	BTech (Nature Conservation), NMU, Supervisor	The effect of anthropogenic disturbance on marine shorebird population size and habitat use in the Garden Route	Completed (2017)
14) D. de Villiers	BTech (Nature Conservation), NMU, Supervisor	The herpetological diversity in the Karoo National Park in South Africa	Completed (2018)
15) C. Esmeraldo	BTech (Nature Conservation), NMU, Supervisor	The influence of vegetation and water on ungulate distribution in the Karoo National Park	Completed (2018)
16) A. Laas	BTech (Nature Conservation), NMU, Supervisor	The activity patterns of herbivores exposed to predators in the Karoo National Park, South Africa	Completed (2018)
17) J. Dicker	BTech (Nature Conservation), NMU, Supervisor	The activity patterns of species exposed to large predators in the Mountain Zebra National Park	Completed (2018)
18) S. Truter	BSc Hons (Wildlife Management), UP, Co-Supervisor	Effects of medium to large carnivores on small carnivores in space and time in the Telperion Nature Reserve	Completed (2018)
19) N. Nkosi	BTech (Nature Conservation), NMU, Supervisor	Ungulates response to old agricultural fields in Gondwana Game reserve	Completed (2019)
20) I. Bettings	BTech (Nature Conservation), NMU, Supervisor	Habitat variations influencing the frequency of bird strikes in high air traffic areas within the George Airport	Completed (2019)
21) D. Ball	BTech (Nature Conservation), NMU, Supervisor	Large tree utilisation of the African Elephant (<i>Loxodonta africana</i>) in the Savanna biome	Completed (2019)
22) G. Reynolds	BTech (Nature Conservation), NMU, Supervisor	Assessing impacts of African elephant (<i>Loxodonta africana</i>) on the vegetation of Gondwana Private Game Reserve	Completed (2019)
23) K. Smith	BSc Hons (Wildlife Management), UP, Co-Supervisor	Testing the spatial and temporal avoidance hypothesis in a semi-arid landscape: Do subordinate carnivores of the Karoo change behaviour in response to dominant predators?	Completed (2019) <i>Cum Laude</i>
24) G. Sambula	BSc Hons (Zoology),	Carnivore Richness In Private And State	Completed (2019)

	UNIVEN, Co-Supervisor	Protected Areas	
25) T. Baird	BSc Hons (Wildlife Management), UP, Co-Supervisor	Spatial and temporal avoidance between large and meso-carnivores	Completed (2020)
26) A. Gervais	BSc Hons (Wildlife Management), UP, Co-Supervisor	Investigating the impact of large carnivores on mesocarnivores' temporal dynamics	Completed (2020)
27) Miss E.E.M. Evers	BSc Hons (Wildlife Management), UP, Co-Supervisor	Spatial and temporal organization of leopards (<i>Panthera pardus</i>) and spotted hyaena (<i>Crocuta crocuta</i>) on Madikwe Game Reserve	Completed (2020)
28) Mr R. Pienaar	BSc Hons (Animal, Plant & Environmental Science), WITS, Co-Supervisor	Do lions with long, dark manes behaviourally compensate for potentially high heat loads?	Completed (2020)
29) Mr I Kayiza	BSc Hons (Wildlife Management), UP, Co-Supervisor	Edge effect and its impacts on the abundance of mammal species in selected protected areas in South Africa	Completed (2020)
30) Mr N.K. Shah	BSc Hons (Wildlife Management), UP, Co-Supervisor	Do herbivores change their behaviour in the absence of lions in arid areas of SA?	Completed (2021) <i>Cum Laude</i>
31) Miss M. Thomson	BSc Hons (Wildlife Management), UP, Co-Supervisor	Herbivore space use in Atherstone Nature Reserve, Limpopo Province, South Africa.	Completed (2021) <i>Cum Laude</i>
32) Miss T. Tiribeni	BSc Hons (Wildlife Management), UP, Co-Supervisor	The effect of lion pride structure on home ranges	Completed (2022)
33) Miss K. Mieny	BSc Hons (Wildlife Management), UP, Co-Supervisor	A Preliminary Assessment of the Seasonal Difference and Influence of Megaherbivores on the Diets of Large Herbivores in Sanbona Wildlife Reserve	Completed (2022)
34) Mr A. van Niekerk	BSc Hons (Wildlife Management), UP, Co-Supervisor	Leopard tortoise occupancy in arid reserves in South Africa: assessment using camera traps.	Completed (2022)
35) Miss H. Basson	BSc Hons (Natural Resource Management), NMU, Co-supervisor	Factors influencing Chondrichthyan egg case hatching success in Mossel Bay, South Africa	Completed (2023) <i>Cum Laude</i>
36) Miss Y. Markides	BSc Hons (Natural Resource Management), NMU, Supervisor	The Development of a Condition Scoring System for White Rhinoceros (<i>Ceratotherium simum</i>), using expert knowledge	Completed (2023)
37) Mrs Rebecka Ryan	BSc Hons (Natural Resource Management), NMU, Supervisor	Opportunistic utilisation of resource pulses by a mesopredator in Welgevonden Game Reserve, South Africa	Completed (2023) <i>Cum Laude</i>
38) Mr D Stols	BSc Hons (Natural Resource Management), NMU, Co-supervisor	Elephants reduce vegetation diversity and affect tree structure in Madikwe Game Reserve	Completed (2023) <i>Cum Laude</i>
39) Mr T. Fifford	BSc Hons (Natural Resource Management), NMU, Supervisor	An assessment of a decade of surf-zone linefish monitoring in the Goukamma Marine Protected Area: Is the current resource use zonation effective?	Completed (2023) <i>Cum Laude</i>
40) Mr D.J.S. Samarasinghe	BSc Hons (Natural Resource Management), NMU, Supervisor	On the population ecology of an island leopard from a protected landscape	Completed (2023)

41) Miss S Rich	BSc Hons (Wildlife Management), UP, Co-Supervisor	The effect of vehicles on black-backed jackal (<i>Lupulella mesomelas</i>) and leopard (<i>Panthera pardus</i>) activity	Completed (2023)
42) Miss M. Venter	BSc Hons (Wildlife Management), UP, Co-Supervisor	Drivers of free-roaming African wild dog land use in the Waterberg, South Africa	Completed (2023)
43) Miss C Meyer	BSc Hons (Wildlife Management), UP, Co-Supervisor	Assessing the Indirect Effect of Elephants on Bird & Bat Assemblages	Completed (2024)
44) Mr K. Saloojee	BSc Hons (Natural Resource Management), NMU, Co-Supervisor	Testing a Novel Camera Trapping Method to Survey African Small Carnivore Populations	Completed (2024)
45) Miss J Morris	BSc Hons (Natural Resource Management), NMU, Supervisor	Balancing Fear and Forage: How zebra <i>Equus quagga</i> navigate risk and resources in the Makgadikgadi Pans, Botswana	In-progress (2025)
46) Miss D Ferreira	BSc Hons (Natural Resource Management), NMU, Supervisor	Golden Moles of the Southern Cape: Insights into Their Distribution and Habitat Selection	In-progress (2025)
47) Miss H Loubser	BSc Hons (Natural Resource Management), NMU, Supervisor	Environmental factors that influence lion pride spatial use in Kruger National Park	In-progress (2025)
48) Miss A Watson	BSc Hons (Natural Resource Management), NMU, Supervisor	Assessing the impacts of Environmental and Anthropogenic Factors on Elephant Spatial Distribution in a Fenced Reserve	In-progress (2025)
Masters			
1) Mr E. Mmonoa	MSc (Zoology), University of Limpopo, Co-supervisor	Breeding habitat of Blue crane (<i>Anthropoides paradiseus</i>) in Mpumalanga	Completed (2010)
2) Miss M. Pfeiffer	Msc (Zoology), University of Kwazulu-Natal, Co-supervisor	Understanding the association between Cape Vultures (<i>Gyps coprotheres</i>) and communal farmland.	Upgraded to PhD (2013)
3) Mrs M. Vermeulen	MSc (Nature Conservation), NMU, Co-supervisor	Exploring feeding ecology and population growth rate responses of ungulates in southern African arid biomes	Completed (2016-2017)
4) Mr C. Brooke	MSc (Nature Conservation), NMU, Supervisor	Energy maximisation strategies of different African herbivores in a fire dominated and nutrient poor grassland ecosystem	Completed (2016-2017) <i>Cum Laude</i>
5) Miss F. Martens	MSc (Nature Conservation), NMU, Supervisor	The spatial ecology and roost site selection of fledging Cape Vultures (<i>Gyps coprotheres</i>) in the Eastern Cape, South Africa.	Completed (2016-2017) <i>Cum Laude</i>
6) Mrs T. Meintjes	MSc (Nature Conservation – Part time), NMU, Supervisor	Using citizen science data to evaluate waterbird populations in the Garden Route	Deregistered (2016-2020) Not completed
7) Miss D. Winterton	MSc (Nature Conservation), NMU, Supervisor	Land use and ecosystem regulation: Exploring the influence of management practise on mesopredator and herbivore interactions	Completed (2017-2018)
8) Mr J. Vogel	MSc (Nature Conservation), NMU, Supervisor	Predicting reintroduction outcomes: Assessing the feasibility of reintroducing African wild dog to a small protected area.	Completed (2017-2018) <i>Cum Laude</i>
9) Miss C. Young	MSc (Nature Conservation), NMU,	Examining the influence of extrinsic factors on herbivore assemblage composition and	Completed (2017-2018)

	Supervisor	resultant nutrient feedbacks in Kruger National Park	
10) Miss A. Robinson	MSc (Nature Conservation), NMU, Supervisor	The influence of water dependency on the spatial ecology of large mammalian herbivores on the paleo-Agulhas plain	Deregistered (2018-2022) Not completed
11) Miss Z. Schoeman	MSc (Nature Conservation), NMU, Supervisor	The spatiotemporal aspects of predation on the Cape gannet <i>Morus capensis</i> population at Bird Island, Lambert's Bay, Western Cape, South Africa	Completed (2018-2019)
12) Mr P. Faure	MSc (Nature Conservation), NMU, Supervisor	The influence of anthropogenic and environmental covariates on the habitat use and density of sympatric carnivores, Limpopo Province, South Africa	Completed (2018-2019)
13) Miss YRP. Swartz	MSc (Nature Conservation), NMU, Supervisor	Elephants in Madikwe Game Reserve: Measuring past and future impacts	Deregistered (2018-2021) Not completed
14) Miss C. Burt	MSc (Nature Conservation), NMU, Supervisor	An assessment of different methods for measuring mammal diversity in two Southern African arid ecosystems	Completed (2018-2020)
15) Miss A. Jansen-van Vuuren	MSc (Nature Conservation), NMU, Supervisor	The feeding ecology and habitat selection of small antelopes in the Overberg Renosterveld, Western Cape	Completed (2019-2020)
16) Mr H. Swanepoel	MSc (Nature Conservation), NMU, Supervisor	The implications of landscape scale habitat fragmentation and ecological corridors on the spatial ecology of five specialist browser species in a lowland Fynbos and Renosterveld ecosystem.	Completed (2019-2020)
17) Miss T. Honiball	MSc (Nature Conservation), NMU, Supervisor	Estimating the population size of three large carnivore species and the diet of six large carnivore species, in Madikwe Game Reserve	Completed (2019-2020)
18) Miss N. Tsie	MSc (Wildlife Management), UP, Co-supervisor	The interaction between burrowing mammal occurrence and large carnivore presence in South Africa	Deregistered, Not completed (2019-2022)
19) Mrs C. Shutte	MSc (Nature Conservation), NMU, Supervisor	Understanding what factors determine the birth-sex ratio of Chacma baboons (<i>Papio ursinus</i>) on the Cape Peninsula	Deregistered, Not completed (2020-2023)
20) Miss I. Bettings	MSc (Nature Conservation), NMU, Supervisor	Using spatial explicit capture-recapture model to investigate the demography and spatial dynamics of lion prides in Pilanesberg National Park	Completed (2020-2021)
21) Mr Kyle Smith	MSc (Wildlife Management), UP, Co-supervisor	Testing the spatial and temporal avoidance hypotheses: Do subordinate carnivores change behaviour in response to dominant carnivores?	Completed (2020-2022)
22) Mr D. Ball	MSc (Nature Conservation), NMU, Supervisor	Do African elephants (<i>Loxodonta africana</i>) use artificial water points as central forage stations in the Madikwe Game Reserve?	Deregistered (2020-2021) Not completed
23) Miss J. Daya	MSc (Nature Conservation), NMU, Supervisor	Feeding ecology and habitat preference of black rhino (<i>Diceros bicornis</i>) in Welgevonden Game Reserve, Limpopo Province.	Completed (2020-2021)
24) Mr TD Baird	MSc (Wildlife Management), UP, Co-supervisor	Implications of camera trap survey design and analytical methods for large carnivore estimates	Completed (2021)
25) Miss J. Harris	MSc (Nature Conservation), NMU, Supervisor	Investigating the effects of pulse-driven resource availability on mammal communities in the Kalahari, South Africa	Completed (2021-2022)

26)	Mr Markus Woesner	MSc (Conservation and Management of Fish and Wildlife), Swedish University of Agricultural Science, Co-supervisor	Does the response to hot temperatures differ among species in a large herbivore community in the southern Kalahari? A landscape of risk versus heat	Completed (2022-2023)
27)	Mr Samuel Ralph Davidson-Phillips	MSc (Nature Conservation), NMU, Supervisor	Estimation of a generalist meso-carnivore (Black-backed Jackal) population from a fenced protected area	Completed (2022-2023) <i>Cum Laude</i>
28)	Mr Moraswi Masehle	Magister Science Wildlife Health, Ecology and Management, University of Pretoria, Co-supervisor	The Activity Patterns of the Specialized Browsing Species and their Behavioral Adjustments in Response to Predation	In progress (2022)
29)	Mr Jaco Geldenhuys	Master of Scientiae (MSc) in Environmental Management, University of Pretoria, Co-supervisor	Occupancy of black-backed jackal (<i>Canis mesomelas</i> Schreber, 1775) across South Africa	In progress (2021-2022)
30)	Miss Cleo Ferreira	MSc (Nature Conservation), NMU, Supervisor	Evaluating the impact of dehorning on the behavioural ecology of white rhinoceros (<i>Ceratotherium simum</i>)	In progress (2023-2024)
31)	Mrs Rebecca Ryan-Stolz	MSc (Nature Conservation), NMU, Supervisor	Estimating population density and assessing territoriality of African lions (<i>Panthera leo</i>) in Kruger National Park, South Africa	In progress (2024-2025)
32)	Miss Yasmin Markides	MSc (Nature Conservation), NMU, Supervisor	Assessing landscape permeability and dispersal corridors for threatened carnivores across a multi-use landscape	In progress (2024-2025)
33)	Miss Hannah Basson	MSc (Nature Conservation), NMU, Supervisor	A landscape-level evaluation of black-footed cat (<i>Felis nigripes</i>) distribution in the south-eastern Karoo	In progress (2024-2025)
34)	Mr Dietre Stolz	MSc (Nature Conservation), NMU, Co-Supervisor	Giants of the Savannah: Unravelling the Impact of Elephant Preferences on Woody Vegetation in Madikwe and Timbavati Game Reserves.	In progress (2024-2025)
35)	Miss M Venter	MSc (Wildlife Management), UP, Co-supervisor	Diet and movement patterns of two free-roaming packs of African wild dogs (<i>Lycaon pictus</i>) in the Waterberg, South Africa	In progress (2024-2025)
36)	Miss R Mooney	MSc (Nature Conservation), NMU, Supervisor	Ranging behaviors of endangered, free-roaming African wild dogs (<i>Lycaon pictus</i>) outside of formally protected areas in the Waterberg, South Africa	In progress (2024-2025)
37)	Miss Carina Meyer	MSc (Nature Conservation), NMU, Supervisor	The influence of complex social structures with fission-fusion properties on foraging efficiency and spatial dynamics of buffalo herds in the APNR	In progress (2025-2026)
Doctoral				
1)	Miss M. Pfeiffer	PhD (Zoology), University of Kwazulu-Natal, Co-supervisor	Ecology and conservation of the Cape Vulture in the Eastern Cape, South Africa	Completed 2016
2)	Mr W. Matthee	PhD (Nature Conservation – Part time), NMU, Supervisor	Forest birds and habitat fragmentation: evolutionary adaptations to environmental change	Deregistered, Not completed (2016-2022)
3)	Mrs MM. Vermeulen	PhD (Nature Conservation), NMU, Supervisor	Variation in abundance and structure of mammal communities and the consequences for species diversity	In progress (2018-2022)
4)	Mrs FR. Brooke	PhD (Nature	Cape Vultures and their increasing threats:	Completed (2018-2021)

	Conservation), NMU, Supervisor	a race to extinction?	
5) Mr CF. Brooke	PhD (Nature Conservation), NMU, Supervisor	Large mammalian fauna of the Palaeo-Agulhas Plain: Predicting habitat use and range distribution	Completed (2018-2020)
6) Mr P. Mkumba	PhD (Nature Conservation), NMU, Co-Supervisor	Migration patterns of male elephants (<i>Loxodonta africana</i>) in the Hwange-Shangani corridor: Consequences on Human Elephant Conflict	In progress (2019-2022)
7) Mr W. Conradie	PhD (Nature Conservation), NMU, Supervisor	Herpetofaunal diversity and affiliations of the Okavango River Basin, with specific focus on the Angolan headwaters.	Completed (2020-2023)
8) Miss A. Bernard	PhD (Zoology) REHABS International Research Laboratory, CNRS- Université Lyon 1- Nelson Mandela University, Co-Supervisor	Trophic guild distortion in anthropogenic landscapes – Testing anthropodependence and reconciliation ecology principles of mammals in the Greater Cape Floristic Kingdom.	Completed (2020-2022)
9) Mr GS. Botha	PhD (Nature Conservation), NMU, Supervisor	The effects of fences and other infrastructure on the mammal community structure and distribution in protected areas across South Africa.	Completed (2020-2025)
10) Dr C. Helm	PhD (Geoscience), NMU, Co-supervisor	Pleistocene fossil tracks and traces on the Cape coast of South Africa	Completed (2020-2023)
11) Mrs Z. Strydom	PhD (Nature Conservation), NMU, Supervisor	Assessing the effects of fish stock management on endangered seabird populations in South Africa	Completed (2020-2023)
12) Mrs W.L. Zeller Zigaitis	PhD (Geography), Pennsylvania State University, Co-supervisor	Protected Area Process and Design: Using Geospatial Data to Mitigate Poaching in Protected Areas	Completed (2020-2024)
13) Miss T. Honiball	PhD (Nature Conservation), NMU, Supervisor	Social dynamics of spotted hyaenas (<i>Crocuta crocuta</i>) in fenced protected areas: Implications for conservation management of a socially intelligent species.	Completed (2021-2024)
14) Miss A. Jansen van Vuuren	PhD (Nature Conservation), NMU, Supervisor	The role of spotted and brown hyaena activity hotspots on interspecific interactions	In progress (2021-2024)
15) Mr H. Swanepoel	PhD (Nature Conservation), NMU, Supervisor	The effects of climate on the phenology of African ungulates in arid and semi-arid regions of South Africa.	In progress (2022-2024)
16) Miss J Daya	PhD (Nature Conservation), NMU, Supervisor	Managing Lions in Pilanesberg National Park: Finding a Balance between Economic and Ecological Realities in Fenced Parks	In progress (2023-2025)
17) Miss J Harris	PhD (Nature Conservation), NMU, Supervisor	A Game of Thrones: Rivals, territories and resources. What are the intrinsic costs to African lions contained in small, fenced parks?	Deregistered (2023-2023) Not completed.
18) Mr S Tokota	PhD (Nature Conservation), NMU, Supervisor	A regional assessment of leopard (<i>Panthera pardus</i>) population status, threats, distribution, and habitat connectivity in the Eastern Cape, South Africa	In progress (2023-2025)
19) Miss E Overton	PhD (Nature Conservation), NMU, Supervisor	The ecological role of cheetah (<i>Acinonyx jubatus</i>) and their impact on prey populations on Tswalu Kalahari Reserve	In progress (2023-2026)
20) Miss M	PhD Biodiversity (U. of	Enhancing Coexistence: Understanding	In progress (2024-2026)

Rodriguez	Barcelona), Supervisor	Large Carnivore Mobility in Different Wildlife-Based Land Use Patterns in South Africa	
Post-Doctoral Researchers & Research fellows			
1) Dr L. Pardo-Vargas	Snapshot Safari South Africa – A country wide assessment of mammal biodiversity		FBIP-NRF Post-Doctoral Researcher (2019-2020) NRF Innovation Postdoctoral Fellowship (2021-2022)
2) Dr C. Guerbois	Social-Ecological Systems		NMU Research Fellow (2019-2023)
3) Dr D. Marneweck	Snapshot Safari South Africa – A country wide assessment of mammal biodiversity		NMU Post-Doctoral Research Fellow (2020-2021)
4) Dr C. Brooke	Late Pleistocene herbivore use on the Palaeo-Agulhas Plain: the facilitation role of megaherbivores and the implications for the modern rewilding of landscapes		NRF Innovation Postdoctoral Fellowship (2021-2022)
5) Dr R. Davies	Assessing the density, distribution and spatiotemporal dynamics of small carnivores across African conservation landscapes		NMU Post-Doctoral Research Fellow (2022-2023)
6) Dr Chad Keates	Genetic study on herpetological samples from Angola in association with Werner Conradie, PE Museum.		NMU Post-Doctoral Researcher (2022)
7) Dr L Thel	A Game of Thrones: Rivals, territories and resources. What are the intrinsic costs to African lions contained in small, fenced parks?		FBIP-NRF Post-Doctoral Researcher (2023-2024) NMU Post-Doctoral Research Fellow (2025-2026)

6. Experience in Teaching & Learning

Teaching experience			
Time period	Institution	Module or Course Information	
2015-current	Nelson Mandela University	I teach Animal Studies I/Game Health I & Animal Studies III/Game Science III to undergraduates (Diploma in Nature Conservation and Diploma in Game Ranch Management), Conservation Management and Plant Studies IV (BTech Nature Conservation), Game Science IV/Animal Studies IV (Advanced Diploma in Game Ranch Management & Advanced Diploma Nature Conservation), Conservation Management (BSc Hons Natural Resource Management).	
2022 (April-May)	Swedish University of Agricultural Sciences	Visiting lecturer at the Department Wildlife, Fish and Environmental Studies, Umea. Course work Masters degree, International Wildlife Management Module. Sweden-South Africa Erasmus ICM exchange program on wildlife ecology and management	
2010-2018	Pennsylvania State University/University of Cape Town	Assisted in setting up and hosting a study abroad program called People and Parks South Africa (http://aeseda.psu.edu/programs/parks-and-people-south-africa/). The students spend 10 weeks in South Africa (January-March) on an annual basis. I was one of the South African field lecturers for the program and presented practical biodiversity surveys (where we physically conducted biodiversity inventory surveys on various protected areas) and since 2013 an introductory course to conservation in South Africa. This course (2 weeks) introduced students to South African ecological and biodiversity features as well as various protected area management models while traveling from Cape Town to their base (Wild Coast, Eastern Cape).	
2005	University of Limpopo	Taught GIS to 1 st and 2 nd year students for one semester as substitute lecturer at the Department of Geography	
Curriculum Development & Review			
2019	Nelson Mandela University	Development of the new Advanced Diploma: Nature Conservation	Team leader of course development team
2018-2019	Nelson Mandela University	Development of the new BSc Honours: Natural Resource Management	Team member of the course development team

2020	University of South Africa	Review of the Postgraduate Diploma: Nature Conservation	Chairman of the external review committee
2020	Southern African Wildlife College	Review of a new Diploma: Applied Natural Resource Management	External reviewer

7. Professional membership and service

Association	Details	Time period
South African Wildlife Management Association	Ordinary member (Council member 2008-2010; 2018-2023)	1998-Current date
Zoological Society of Southern Africa	Ordinary member	2009-2023
IUCN Crocodile Specialist Group	Ordinary member	2013-2025
Mammal Research Institute, University of Pretoria	Research Associate	2013-Current date
Centre for Coastal Palaeo Science, NMU	Honorary Researcher	2016-Current date
South African Council for Natural Scientific Professions	Professional Natural Scientist – Ecological Sciences: Registration Number. 400111/14	2014-Current date
Associated Private Nature Reserves Ecological Advisory Committee	Committee member	2022 – Current date
Welgevonden Game Reserve Scientific Advisory Committee	Committee member	2018-Current date
<i>BirdLife South Africa and Endangered Wildlife Trust - Birds and Renewable Energy Specialist Group</i>	Specialist advisor	2019-2021
<i>SEA REDZs Vulture Working Group</i>	Specialist	2024-Current date
REHABS International Research Laboratory, CNRS- Université Lyon 1-Nelson Mandela University, George Campus	Deputy Director	2019-Current date
Society for Conservation Biology	Professional Member	2020-Current date
Centre for African Conservation Ecology, Nelson Mandela University	Member	2022-Current date

8. Other courses and qualifications

List of qualifications obtained	List of courses completed
Professional Hunter; Category C Skippers License; Marine VHF Radio Operator; NAUI Open Water 1 SCUBA Diver	Statistical Techniques in Ecology, Snake ID & Snakebite Treatment; Advanced Snake Handling; Conservation Planning; Practical Remote Sensing for Conservation Biologists; Ecological Niche Modelling; Landscape genetic approaches for Conservation Biologists; Resource evaluation and game ranch management for sustainable game production and conservation; Disease Risk Assessment; Game counting techniques; Wildlife handling and welfare; Maintenance of outboard motors and handling of boats on inland waters; Various ArcView, ArcGIS courses; Quantum GIS Various Windows Software courses; Financial management systems; Peace officer; Problem animal control.

9. Referees

Prof. Herbert Prins

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herewith certifies that

Jan Adriaan Venter

Registration Number: 400111/14

is a registered scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)

in the following field(s) of practice (Schedule 1 of the Act)

Ecological Science (Professional Natural Scientist)

Effective **12 March 2014**

Expires **31 March 2026**



Chairperson

Chief Executive Officer

