
JAMES MICHAEL DABROWSKI

(Ph.D., Pr. Sci. Nat. Water Resources)

NRF Rated Researcher (C2)

☎: +27 83 5575688
✉: james@confluent.co.za
ID: 7607205075083
DOB: 20 July 1976
Marital Status: Married
Citizenship: South Africa



TERTIARY EDUCATION

2002–2004: Ph.D.: Freshwater Research Unit, Department of Zoology, University of Cape Town
2000–2001: M.Sc. (Cum Laude): Department of Zoology, University of Stellenbosch
1999: B.Sc. Honours: Department of Zoology, University of Stellenbosch
1996-1998: B.Sc. in Zoology and Botany, University of Stellenbosch

EMPLOYMENT RECORD

Present: Confluent Environmental - Co-Director
2006-2017: CSIR (Natural Resources and Environment) – Principal Researcher
2004-2006: Department of Water Affairs and Forestry - Specialist Scientist
2002-2004: University of Cape Town - Scientific Officer

KEY EXPERTISE

Aquatic Biodiversity and Biomonitoring Surveys (Macroinvertebrates, Fish and Riparian and In-stream Habitat), Wetland Health Assessments, Wetland and Riparian Habitat Delineation, Aquatic Ecotoxicology, Ecological Risk Assessment, Interpretation and Analysis of Water Quality Data, Water Quality Guideline Development, Development of Integrated Water and Waste Management Plans (IWWMPs), Geospatial Mapping and Analysis, Catchment-scale Hydrological and Pollution Modelling; Project Management and Logistics.

PROFESSIONAL ASSOCIATIONS & OTHER QUALIFICATIONS

Research Affiliations

- Research Associate: Sustainability Research Unit, Nelson Mandela Metropolitan University
- Research Associate: Freshwater Research Centre

Professional Societies

- Society for Environmental Toxicology and Chemistry (SETAC)
- International Water Association (IWA)
- South African Council for Natural Scientific Professionals (SACNASP)

Scientific Review

- Associate editor: Bulletin for Environmental Toxicology and Chemistry
- Proposal reviewer: Water Research Commission and National Research Foundation
- Reference Groups: Water Research Commission

RELEVANT TRAINING

- River Health Ecstatus Models: 2006 (Department of Water Affairs and Forestry)
- Water Governance in South Africa: Integrated Water Resource Management, the National Water Act, and Water Use Authorisations, focusing on Water Use License Applications and Integrated Water and Waste Management Plans: 2018 (CBSS Training)
- Wetland Management: Introduction and Delineation (Centre for Environmental Management, University of the Free State) – November 2018

SCIENTIFIC PUBLICATIONS

- Petersen, F., **Dabrowski, J.M.**, and Forbes, P.B.C. (2017). Identifying potential surface water sampling sites for emerging chemical pollutants in Gauteng Province, South Africa. *Water SA*, 43(1), 153-165.
- Dabrowski, J., Baldwin, D.S., **Dabrowski, J.M.**, Hill, L., and Shadung, J. (2017). Impact of temporary desiccation on the mobility of nutrients and metals from sediments of Loskop Reservoir, Olifants River. *Water SA*, 43(1), 7-16.
- Stehle, S., **Dabrowski, J.M.**, Bangert U. and Schulz R. (2016). Erosion rills offset the efficacy of vegetated buffer strips to mitigate pesticide exposure in surface waters. *Science of the Total Environment*. 545-546: 171-183.
- Nsibandé, S.A., **Dabrowski, J.M.**, van der Walt, E., Venter, A. and Forbes, P.B.C. (2015). Validation of the AGDISP model for predicting airborne atrazine spray drift: A South African ground application case study. *Chemosphere* 138: 454-461.
- Dabrowski, J.M.** (2015) Development of pesticide use maps for South Africa. *South African Journal of Science*. 111:1-7.
- Dabrowski, J.M.**, Dabrowski, J., Hill, L., MacMillan, P. and Oberholster, P.J. (2014) Fate, transport and effects of pollutants originating from acid mine drainage in the Olifants River, South Africa. *River Research and Applications*. DOI: 10.1002/rra.2833.
- Dabrowski, J.M.** (2014) Applying SWAT to predict ortho-phosphate loads and trophic status in four reservoirs in the upper Olifants catchment, South Africa. *Hydrology and Earth System Sciences* 14: 2629-2643.
- Dabrowski, J., Oberholster, P.J. and **Dabrowski, J.M.** (2014) Water quality of Flag Boshielo Dam, Olifants River, South Africa: Historical trends and impact of drought. *Water SA* 40:345-358.
- Dabrowski, J.M.**, Shadung J. and Wepener, V. (2014) Prioritizing agricultural pesticides used in South Africa based on their environmental mobility and potential human health effects. *Environment International* 62: 31-40.
- Dabrowski J., Oberholster P.J., **Dabrowski J.M.**, Le Brasseur J. and Gieskes J. (2013) Chemical characteristics and limnology of Loskop Dam on the Olifants River (South Africa), in light of recent fish and crocodile mortalities. *Water SA* 39(5): 675-686.
- Dabrowski, J.M.** and Balderacchi M. (2013) Development and field validation of an indicator to assess the relative mobility and risk of pesticides in the Lourens River catchment, South Africa. *Chemosphere* 93(10): 2433-2443.
- Dabrowski, J.M.** and De Klerk, L.P. (2013) An assessment of the impact of different land use activities on water quality in the upper Olifants catchment. *Water SA* 39(2):231-244
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- Masekoameng, K.E., Leaner, J.J. and **Dabrowski, J.M.** (2010) Trends in anthropogenic mercury emissions estimated for South Africa during 2000-2006. *Atmospheric Environment*. 44(25): 3007-3014.
- Dabrowski, J.M.**, Ashton, P.J. and Masekoameng, E. (2009) Analysis of Virtual Water Flows Associated with the Trade of Maize in the SADC Region: Importance of Scale. *Hydrological and Earth System Sciences*. 13: 1-11.
- Dabrowski, J.M.**, Ashton, P.J., Murray, K., Leaner, J.J. and Mason, R.P. (2008) Anthropogenic mercury emissions in South Africa: coal combustion in power plants. *Atmospheric Environment* 42: 6620-6626.
- Dabrowski, J.M.**, Murray, K., Ashton, P.J. and Leaner, J.J. (2009) Agricultural impacts on water quality and implications for virtual water trading decisions. *Ecological Economics*. 68: 1074-1082.
- Dabrowski, J.M.**, Bollen, A., Bennett, E.R., and Schulz, R. (2006) Mitigation of azinphos-methyl in a vegetated stream: Comparison of runoff and spray drift. *Chemosphere* 62 (2), 204-212.
- Dabrowski, J.M.**, Bollen A. and Schulz R. (2005) Combined effects of discharge, turbidity and pesticide on mayfly behaviour: experimental evaluation of spray drift and runoff scenarios. *Environmental Toxicology and Chemistry*. 24 (6), 1395-1402.
- Dabrowski, J.M.**, Bollen, A. and Schulz, R. (2005) Interception of azinphosmethyl by emergent aquatic macrophytes: Potential spray drift mitigation in agricultural surface waters. *Agriculture, Ecosystems and the Environment*. 111, 340-348.
- Dabrowski, J.M.** and Schulz, R. (2003) Predicted and measured levels of azinphos-methyl in the Lourens River, South Africa: Comparison of runoff and spray drift. *Environmental Toxicology and Chemistry*. 22 (3) 494-500.
- Schulz, R., Hahn, C., Bennett, E.R., **Dabrowski, J.M.**, Thiere, G., & Peall, S.K.C. (2003) Fate and effects of azinphos-methyl in a flow-through wetland in South Africa. *Environmental Science and Technology*, 37 2139-2144.
- Dabrowski, J.M.**, Peall, S.K.C., van Niekerk, A., Reinecke, A.J., Day, J. and Schulz, R. (2002) Predicting runoff-induced pesticide input in agricultural sub-catchment surface waters: linking catchment variables and contamination. *Water Research* 36 4975-4984.
- Dabrowski, J.M.**, Peall, S.K.C., Reinecke, A.J., Liess, M. and Schulz, R. (2002) Runoff-related pesticide input into the Lourens River, South Africa: Basic data for exposure assessment and risk mitigation at the catchment scale. *Water, Air and Soil Pollution*. 135: 265-283.
- Schulz, R., Thiere, G., and **Dabrowski, J.M.** (2002) A combined microcosm and field approach to evaluate the aquatic toxicity of azinphos-methyl to stream communities. *Environmental Toxicology and Chemistry*. 21 (10): 2172-2178
- Schulz, R. and **Dabrowski, J.M.** (2001) Combined effects of predatory fish and sublethal pesticide contamination on the behaviour and mortality of mayfly nymphs (*Baetis* sp.). *Environmental Toxicology and Chemistry*. 20 (11): 2537-2543
- Schulz, R., Peall, S.K.C., **Dabrowski, J.M.** and Reinecke, A.J. (2001) Spray deposition of two insecticides into surface waters in a South African orchard area. *Journal of Environmental Quality*. 30 (3): 814-822.
- Schulz, R., Peall, S.K.C., **Dabrowski, J.M.** and Reinecke, A.J. (2001) Current-use insecticides, phosphates and suspended solids in the Lourens River, Western Cape, during the first rainfall event of the wet season. *Water SA*. 27: 65-70.

RECENT CONSULTING EXPERIENCE

Date	Nature of Project	Capacity	Industry/Sector	Client/Developer	Location
2019	Aquatic Biomonitoring	Aquatic Ecologist	Mining (Platinum)	Marula Platinum	Steelpoort, Mpumalanga
2019	Development of a Reservoir Management Plan for Swakoppoort Dam.	Water Resource Specialist	Water Supply	NamWater	Windhoek, Namibia
2019	Dunbar Coal Mine Aquatic and Surface Water Assessment	Aquatic Ecologist & Wetland Specialist	Mining (Coal)	Vandabyte	Hendrina, Mpumalanga
2019	Dunbar Coal Mine (WULA and IWWMP)	Water Resource Specialist	Mining (Coal)	Vandabyte	Hendrina, Mpumalanga
2019	Boitshepo Wetland Assessment (Section 24 G)	Wetland Specialist	Government	Advisian/ Emfuleni Local Municipality	Venderbijlpark, Gauteng
2019	L'Aghulas Wetland Assessment (Wetland Delineation)	Wetland Specialist	Property Development	Lourens L'Agulhas	Agulhas, Western Cape
2019	Buffalo Colliery Wetland & River Assessment (EIA)	Aquatic Ecologist & Wetland Specialist	Mining (Coal)	Buffalo Coal	Dundee, Kwazulu-Natal
2019	Long Lake Wetland Delineation	Wetland Specialist	Property Development	MT Development	Modderfontein, Gauteng
2019	Bloemendal Wetland Offset	Wetland Specialist	Mining (Coal)	INSA Coal	Nigel, Gauteng
2019	Welgedacht Wetland Assessment (BAR)	Wetland Specialist	Mining (Coal)	INSA Coal	Springs, Gauteng
2018	Benga Compliance Monitoring (River and Wetland Biomonitoring)	Aquatic Ecologist & Wetland Specialist	Mining (Coal)	ICVL	Tete, Mozambique
2018	Sarama Mining Concession (Biodiversity Survey)	Aquatic Ecologist	Mining (Gold)	Avesoro	Liberia, West Africa
2018	Silver Hills Mining Concession (Biodiversity Survey)	Aquatic Ecologist	Mining (Gold)	Avesoro	Liberia, West Africa
2018	Majuba Power Station Freshwater Assessment (EIA)	Aquatic Ecologist	Government	ESKOM	Volkstrust, Mpumalanga
2018	Freshwater Assessment (Section 21 c & i)	Aquatic Ecologist	Property Development	Environmental Partnership	Princess Vlei, Western Cape
2018	George Rex Development (WULA)	Water Resource Specialist	Property Development	Jazz Spirit	Knysna, Western Cape
2018	Tailings Spill (Ecological Risk Assessment)	Aquatic Ecotoxicologist	Mining (Platinum)	Lonmin	Marikana, North-West Province
2018	Bloemendal Coal Mine Wetland and River Assessment(EIA)	Aquatic Ecologist & Wetland Specialist	Mining (Coal)	INSA Coal	Nigel, Gauteng
2018	Bloemendal Coal Mine (WULA and IWWMP)	Water Resource Specialist	Mining (Coal)	INSA Coal	Nigel, Gauteng
2018	Lonmin Compliance Monitoring (Biomonitoring)	Aquatic Ecologist	Mining (Platinum)	Lonmin	Marikana, North-West Province
2018	Uitspan Compliance Monitoring (Biomonitoring)	Aquatic Ecologist	Mining (Coal)	Uitspan Colliery	Witbank, Mpumalanga
2018	Freshwater Assessment (Section 21 c & i)	Aquatic Ecologist	Property Development	Nu-Motif	Germiston, Gauteng
2018	Wetland Assessment (EIA)	Wetland Specialist	Property Development	Advisian/DRDLR	Simonstown, Western Cape
2018	Rowland Stream (River Rehabilitation)	Aquatic Ecotoxicologist	Mining (Platinum)	Lonmin	Marikana, North-West Province
2018	Blue Revolution Aquaculture	Aquatic Ecologist	Aquaculture	Blue Revolution	Moloto, North-West Province
2018	New Liberty Goal Mine (Biodiversity Offset)	Aquatic Ecologist	Mining (Gold)	Avesoro	Liberia, West Africa
2018	Plett Manor Wetland Assessment (BAR & Section 21 c & i)	Wetland Specialist	Property Development	Blue Pebble	Keurbooms, Western Cape
2018	Silverstreams River Embankment (BAR)	Aquatic Ecologist	Property Development	Silverstreams Estate	Keurbooms, Western Cape
2017	TD8 Stream Diversion (River Rehabilitation)	Aquatic Ecologist	Mining (Platinum)	Agreenco/Lonmin	Marikana, North-West Province
2017	Hydrological & Water Quality Modelling	GIS Specialist	Research	University of Pretoria	RSA (Gauteng)
2017	Waterfall Estate (Fish Passage Assessment)	Aquatic Ecologist	Property Development	Bokamoso	RSA (Gauteng)
2017	Proposed Vioolsdrift Dam (Scoping Study)	Aquatic Ecologist	Government	Imperata/AECOM	Vioolsdrift, Northern Cape

2016	Mokolo – Crocodile Water Augmentation Project	Water Quality Specialist	Government	TCTA	North-West Province
2016	National Siltation Management Strategy	Water Resource Specialist	Government	DWS	RSA (National)
2013	Aquatic Baseline Study (Waterberg)	Water Quality Specialist	Government	ESKOM	RSA (Limpopo)

RECENT RESEARCH EXPERIENCE

Date	Nature of Project	Capacity	Industry/Sector	Client/Developer	Country (Province)
2017-2022	Development of Risk Assessment Tools to Manage Pesticide Contamination in South African Water Resources.	Aquatic Ecotoxicologist	Research / Aquatic Ecology	WRC	RSA (National)
2016	Aquatic Risk Assessment Framework for Registration of Pesticides in South Africa	Aquatic Ecotoxicologist	Research / Agriculture	WRC	RSA (National)
2015-2016	Ecological Risk Assessment of Endangered Twee River Redfin.	Aquatic Ecologist	Research	CSIR	RSA (National)
2014-2016	Development of Irrigation Water Quality Guidelines for South Africa	Aquatic Ecotoxicologist	Government	WRC	RSA (National)
2010-2016	Investigation of the contamination of water resources by agricultural chemicals	Aquatic Ecotoxicologist	Research	WRC	RSA (National)
2012-2014	Management of Freshwater Ecosystems in South Africa	Water Quality Specialist	Research	CSIR	RSA (National)
2010-2013	Linking land use to water quality for effective water resource and ecosystem management	Water Resource Specialist	Research	WRC	RSA (National)
2009-2013	Upper Olifants River Risk Assessment	Water Quality Specialist	Research	Coaltech	RSA (Mpumalanga)



Marius L. van der Vyver

Curriculum Vitae

Personal details

Name Marius Lodewyk
Surname van der Vyver
Driver's Code EB (car and trailer)
licence Code C1 (heavy vehicle)
Code A (motorcycle)
Nationality South African
Languages Afrikaans (native), English (proficiently speak, read, write)
Various ancient and modern (read)

Formal Education

2011–2018 **PhD, Botany**, *Nelson Mandela University*, Port Elizabeth, Graduation: April 2018.
Title: Factors affecting effective restoration of spekboom (*Portulacaria afra*) - rich subtropical thicket
2008–2010 **MSc, Botany**, *Nelson Mandela University*, Port Elizabeth, *with distinction*.
2005–2007 **BSc Hons, Environmental Monitoring and Modelling (& Botany)**, *UNISA*, Pretoria, *with distinction*.
2001–2003 **National Higher Diploma, Nature Conservation**, *Tshwane University of Technology*, Pretoria, *with distinction*.
1999–2000 **BA Hons, Semitic languages**, *University of Pretoria*, Pretoria, *with distinction*.
1996–1998 **BA, Cultural Anthropology & Ancient Languages**, *University of Pretoria*, *with distinction*.

9 Ebenezer avenue – Great Brak River 6525

☎ +27 82 225 9317 • ✉ mariusvdv@gmail.com

Publications

- 2020 Robbert Duker, Richard M Cowling, Marius L van der Vyver, and Alastair J Potts. Site selection for subtropical thicket restoration: mapping cold-air pooling in the south african sub-escarpment lowlands. *PeerJ*, 8:e8980, 2020.
- 2019 Marius L van der Vyver and Richard M Cowling. Aboveground biomass and carbon pool estimates of portulacaria afra (spekboom)-rich subtropical thicket with species-specific allometric models. *Forest Ecology and Management*, 448:11–21, 2019.
- 2015 Anthony J Mills, Marius van der Vyver, Iain J Gordon, Anand Patwardhan, Christo Marais, James Blignaut, Ayanda Sigwela, and Barney Kgope. Prescribing innovation within a large-scale restoration programme in degraded subtropical thicket in south africa. *Forests*, 6(11):4328–4348, 2015.
- 2015 Robbert Duker, Richard M Cowling, Derek R Preez, Marius L van der Vyver, Clayton R Weatherall-Thomas, and Alastair J Potts. Community-level assessment of freezing tolerance: frost dictates the biome boundary between albania subtropical thicket and nama-karoo in south africa. *Journal of Biogeography*, 42(1):167–178, 2015.
- 2014 James Blignaut, Matthew Joubert, John De Wet, Andrew Knipe, Selmi Joubert, Ben Cobbing, James Jansen, David Le Maitre, and Marius van der Vyver. Determining the feasibility of harvesting invasive alien plant species for energy. *South African Journal of Science*, 110(11-12):01–06, 2014.
- 2013 Marius L van der Vyver, Richard M Cowling, Anthony J Mills, and Mark Difford. Spontaneous return of biodiversity in restored subtropical thicket: Portulacaria afra as an ecosystem engineer. *Restoration Ecology*, 21(6):736–744, 2013.
- 2012 Marius L van der Vyver, Richard M Cowling, Eileen E Campbell, and Mark Difford. Active restoration of woody canopy dominants in degraded south african semi-arid thicket is neither ecologically nor economically feasible. *Applied Vegetation Science*, 15(1):26–34, 2012.

Work experience

Organisation	Description	Role	Year
Nelson Mandela University	Post-Doctoral Research Fellow with self-procured funding from DEFF NRM: Spekboom Restoration Research	Post-Doctoral Research Fellow	2020
Cerne: Open Journal Systems	Review: ALLOMETRIC MODELS TO ESTIMATE ABOVEGROUND BIOMASS FOR FOREST AREAS UNDER RESTORATION	Peer-reviewer	2020
Nelson Mandela University	Guest Lecturer : Conservation Ecology – Department of Nature Conservation, George Campus	Lecturer (under-graduates)	2019
Nelson Mandela University / DEFF Natural Resource Management	Associate Researcher – NRM Spekboom Research Group	Project Scientist	2019
Living Lands	Crop health assessment from UAV imagery and related analyses of image data	Project Scientist	2019
Rhodes Restoration Research Group	Aboveground Carbon stock analysis, Baviaanskloof, South Africa	Ecologist	2019
Canyon Springs Investments 71 (Pty) Ltd	Review of Biodiversity Impact Assessment of the Proposed Canyon Springs Windfarm Facility in the light of taller turbines	Ecological Scientist	2019
BMK consulting engineers	Rehabilitation Management Guidelines: Diepsloot Footbridge construction	Restoration Ecologist	2019
Purperwinde Beleggings	Biodiversity screening of Erf 3991, Mossel Bay and mapping of protected tree species.	Botanist	2019
Envirobalance (Pty) Ltd	Biodiversity Impact Assessment with specialist Vegetation and Mammal Studies for Calmera Estate, Cradle of Mankind.	Biodiversity Scientist	2019

Client	Description	Role	Year
Wild Summit Group, Kamala Game Reserve	Ecological Risk Assessment for the introduction of Red Deer (<i>Cervus elaphus</i>) on Kamala Game Reserve.	Ecologist	2019
Integrated Data Management (IDM) (Pty.) Ltd.	Determining trends in Electricity usage from data provided by Maputo Hospital	Statistical analyst	2018
IDM, Arcelor Mittal	Energy usage analysis from a steel factory, Arcelor Mittal	Statistical analyst	2018
Wild Summit Group, Kamala Game Reserve	Ecological Risk Assessment for the maintenance of an existing population of Barbary Sheep on Kamala Game Reserve.	Ecological Scientist	2018
Resilience Environmental Advice, Environmental mining, Suralco LCC	Monitoring system for the Revegetation Index – Suralco LCC Mine Closure Project.	Restoration ecologist, Statistical analyst	2018
CSIR	Biomass estimation of subtropical thicket vegetation in Addo Elephant National Park for calibration with LiDAR and radiometric sensor data.	Botanical specialist, Statistical analyst	2018
African Centre of Coastal Paleosciences, NMU	Vegetation community identification and plant species list for phytolith research on specific extant vegetation types in the Garden Route and Klein Karoo area	Botanical specialist	2018
Bothalia (academic journal)	Peer-review of a research paper on restoration ecology for publication in the academic journal Bothalia	Peer-reviewer	2018
Rhodes University	Develop allometric models for estimating Biomass of Honeybush tea plants	Statistical analyst	2017
C4ES (Pty) Ltd	Statistical analysis and R code development for applying boundary line analysis to various soil datasets	Statistical analyst	2017
Envirobalance (Pty) Ltd	Biodiversity Screening Report for a proposed township development, Dunottar, Gauteng	Biodiversity scientist	2017

Client	Description	Role	Year
KDS Consortium (Pty) Ltd	Biodiversity Screening Report for a proposed township development, Tshivhazwaulu Extension 1	Biodiversity scientist	2017
Envirobalance (Pty) Ltd	Wetland delineation for Calmera Estate, Cradle of Mankind.	Wetland specialist	2017
Journal of Applied Ecology (academic journal)	Peer-review of a research paper on restoration ecology for publication in the academic Journal of Applied Ecology	Peer-reviewer	2017
Arid Land Research and Management (academic journal)	Peer-review of a research paper on restoration ecology for publication in the academic Journal of Arid Land Research and Management	Peer-reviewer	2016
Sigwela and Associates (Pty) Ltd / DEA (National Resource Management Programmes)	Restoration of Forest Vegetation in Matiwane, near Port St. Johns, Eastern Cape	Restoration ecologist	2016
PeerJ (academic journal)	Peer-review of a research paper on restoration ecology for publication in the academic journal PeerJ	Peer-reviewer	2015
Forests, Trees and Livelihoods (academic Journal)	Peer-review of a research paper on restoration ecology for publication in the academic journal Forests, Trees and Livelihoods	Peer-reviewer	2014
Gamtoos Irrigation Board	Develop allometric models for biomass estimation of 5 major alien invasive plants in the Nelson Mandela Metropolitan area.	Botanical specialist, Statistical analyst	2013-2014
USK Consulting (Pty) Ltd	Ecological Impact Assessment for the proposed Swartwater Solar Energy Facility, Northern Cape	Biodiversity scientist	2013
USK Consulting (Pty) Ltd	Ecological Impact Assessment for the proposed Wesley Wind Energy Facility, Eastern Cape	Biodiversity scientist	2012

Client	Description	Role	Year
Envirobalance (Pty) Ltd	Ecological Impact Assessment for the proposed Albert Luthuli (Badplaas) Landfill Site	Biodiversity scientist	2012
Envirobalance (Pty) Ltd	Ecological Screening Report – Kuruman Housing Development and Wastewater Treatment Works	Biodiversity scientist	2012
USK Consulting (Pty) Ltd	Air Quality monitoring at East London Port Harbour	Environmental scientist	2010-2011
NMU Restoration Research Group	Active restoration of woody canopy dominants in degraded south african semi-arid thicket is neither ecologically nor economically feasible	Restoration ecologist	2011-2012
NMU Restoration Research Group, DEA	Spontaneous return of biodiversity in restored subtropical thicket: Portulacaria afra as an ecosystem engineer.	Restoration ecologist	2011-2012
USK Consulting (Pty) Ltd / BCM	Water quality monitoring at Roundhill municipal landfill site in Buffalo City Municipality	Environmental scientist	2010-2011
C4ES (academic journal) / PrimaKlima (academic journal)	Monitoring of aboveground carbon pools on rehabilitated spekboomveld for three sites in the Eastern Cape.	Restoration ecologist	2011-2014
USK Consulting (Pty) Ltd	Strategic Environmental Assessment (SEA) for Mnquma Municipality, Eastern Cape.	Biodiversity scientist and GIS analyst	2011
Envirobalance (Pty) Ltd	Weltevreden Park Wetland Delineation Study, Centurion.	Wetland specialist	2011
USK Consulting (Pty) Ltd / Afrisam	Biodiversity Management Plan for Afrisam Dudfield Mine, Lichtenburg	Biodiversity scientist	2010
Envirobalance (Pty) Ltd	Vegetation Screening Report: Kuruman Housing development and Wastewater treatment works	Botanical specialist	2010
Envirobalance (Pty) Ltd	Ecological Impact Assessment: Ga-Oria to Tsate road – Sekhukhuneland, Limpopo	Biodiversity scientist	2010

Client	Description	Role	Year
Envirobalance (Pty) Ltd	Karino Wetland Rehabilitation and Management Plan.	Wetland specialist	2010
USK Consulting (Pty) Ltd	Ecological Screening for Tsolo Junction Development, Eastern Cape	Biodiversity specialist	2010
USK Consulting (Pty) Ltd	A number of Basic Assessments Reports	Environmental consultant	2009-2011
USK Consulting (Pty) Ltd	Ecological screening report - Riverland Orchard Farm 799/37 Gonubie	Botanical specialist	2008
Savannah Environmental (Pty) Ltd / Eskom	Scoping report: Ankerlig Power Station Conversion and transmission integration project, Western Cape.	Environmental consultant	2008
Savannah Environmental (Pty) Ltd / Eskom	Environmental Management Plan for Ingula Transmission line	Environmental scientist	2008
Savannah Environmental (Pty) Ltd / Eskom	Environmental Impact Assessment for building water infrastructure at Medupi Power Plant	Environmental consultant	2008
Savannah Environmental (Pty) Ltd / Eskom	Environmental Compliance Officer (ECO) for construction of pipeline for disposal of waste water and ash at Duvha Power Station, Witbank	Environmental Compliance Officer	2008
Savannah Environmental (Pty) Ltd / DWAF	On-site ECO for construction of the De Hoop Dam and realignment of the provincial road	Environmental Compliance Officer	2007-2008
Pidwa Conservation Projects (Pty) Ltd	Research and Monitoring support to Pidwa Reserve Management, part of the Greater Makalali Conservation Area, with paying volunteers.	Project and research manager	2006-2007
Siyafunda Conservation Projects (Pty) Ltd	Research and Monitoring support to Makalali Reserve Management, part of the Greater Makalali Conservation Area, with paying volunteers.	Volunteer facilitator, Monitoring officer	2004-2006

Client	Description	Role	Year
Tshwane University of Technology	Botanical surveys, vegetation condition assessments and game stocking recommendation on tribal lands in view of the potential establishment of a reserve.	Botanical specialist	2004
Cambridge University, Kalahari Meerkat Project	International research station on small reserve focused on the behavioural ecology of Meerkats and other small mammals.	Research technician, Reserve infrastructure manager.	2003-2004
SANParks	Field ranger	Field ranger, Field guide, 4x4 trail guide	2003

Note: Last updated: June 2020

Skills and Competencies

- Data Science** R statistical programming (8+ years): data mining (tidyverse), data cleaning/wrangling/munging (reshape, tidyverse, dplyr, data.table), data visualisation (ggplot2, ggmap, lattice, knitr, rmarkdown), linear and multivariate regression (lme4, mgcv, gam, car, lmodel2, glmnet), ensemble learning (party, rpart, randomForest, RuleFit3, caret); ordination: principal component analysis, principal coordinates analysis, correspondence analysis (ade4, labdsv, vegan, rpart), non-metric multi-dimensional scaling, time-series analysis, machine learning applications (e1071,gbm), Python data science applications (2+ years) (NumPy, SciPy, Pandas, matplotlib, nltk), statistical/machine learning: naive Bayes classifier, support vector machines (sklearn), artificial neural networks (ann), natural language processing (tidyverse, nltk) and geostatistical applications (gstat), SQL (PostgreSQL & MySQL), Computer vision (opencv)
- GIS & Remote Sensing** QGIS, R (rgdal, raster, rgeos, maptools, sp, ggmap, etc.), Python, Open Drone Mapping (ODM), Google Earth Engine, ArcGIS, GRASS, Erdas Imagine, processing and analysis of remotely sensed images (Landsat7, Spot5, MODIS, UAV sensors, Sentinel), supervised and unsupervised image classification, multi-temporal change detection analysis, hyperspectral image analysis
- Systems Administration** Linux (Debian/Ubuntu) (8+ years) operating system administration, Android operating systems, Windows operating systems. I am a dedicated Unix user but know my way around Windows and Android OS administration and software suites
- Other tech** HTML5, CSS, markdown, Django, git, Virtualbox, Raspbian, Raspberry Pi deployment, Drone (UAV) flight plan programming and surveying
- Ecological skills** baseline botanical surveys, habitat and vegetation community delineation and mapping, ecosystem health and rangeland condition assessments, stocking rate calculations and recommendations, biodiversity monitoring, ecosystem service quantification, ecological restoration, terrestrial carbon stock and flux quantification and monitoring (above- and belowground), allometric modelling (biomass and carbon stocks) for individual species and mixed vegetation stands, fuel-load mapping
- Environmental** Environmental compliance monitoring and reporting (auditing).
- Fieldwork** GPS and cybertracker etc, vegetation sampling techniques and plants ID, herbarium collections and treatment, ecological restoration techniques, invasive alien plant control and monitoring, 4x4 driving, air, soil, water, sediment sampling techniques, fauna camera traps and related data management (camtrapR), social science survey techniques, field guiding, first-aid procedures

Research and Writing I authored, reviewed and contributed to a number of technical reports and peer-reviewed scientific articles ranging in scope from biodiversity impact assessment specialist reports, technical biodiversity and environmental management plans for reserves, housing developments, powerlines, road, reservoir and pipeline construction projects to energy utilisation and management analysis reports.

Professional registration, affiliations and society membership

- South African Council of Natural Scientific Professions (SACNASP) registered : Ecological Science (reg.no. 118303)
- South African Association of Botanists (SAAB)
- Mountain Club of South Africa (MCSA) - Southern Cape section
- Botanical Society of South Africa (BotSoc)
- Custodians of Rare and Endangered Wildflowers (CREW)

CURRICULUM VITAE

Peter John Nilssen

Updated on 7 December 2020

BIOGRAPHICAL DETAILS:

Names & Surname: Peter John Nilssen
Address: 41, 21st Avenue
Mossel Bay
6500
South Africa
Postal Address: P.O. Box 2635
Mossel Bay
6500
South Africa
Telephone/Contact: Tel: (home) (27) (044) 690 4359
Cellular phone: (27) 082 783 5896
E-mail: peter@carm.co.za or peter@humanorigin.co.za
Identity Number: 641214 5081 080
Nationality: South African
Family Status: Married with two children
Drivers Licence: Code 02, 11/02/1987
Code 08, 15/12/1982
Health: Excellent
Languages: English
Afrikaans

SECONDARY EDUCATION

School: Rondebosch Boys High School, 1978 - 1982
School Certificate: Cape Senior Certificate, Full Matriculation Exemption

TERTIARY EDUCATION

University: University of Cape Town (UCT), South Africa
Degrees: Ph.D. in archaeology (2000), BA (HONS) 1989, and BA 1988

ACCREDITATION

I am a Professional member - in good standing - of the Association of Southern African Professional Archaeologists (ASAPA) since 1989, including the Cultural Resource Management section of the same association (ASAPA professional member # 097). I am an accredited Principal Investigator for archaeozoology (specialist analysis), coastal & shell midden archaeology and Stone Age archaeology; Field Director for Colonial Period; Field Supervisor for Iron Age and Rock Art.

AWARDS, GRANTS, and SCHOLARSHIPS:

No funding applied for since 2000.	
1987, 1988, 1989	Pietie Olivier Ysterkoppe Foundation (bursary for undergraduate studies) Human Sciences Research Council (bursary for Honours studies)
1989, 1993	Harry Oppenheimer Institute for African Studies (Travel and Subsistence grant)
1990, 1991, 1993, 1994	Foundation for Research Development (bursaries for Masters and Doctoral studies)
1992, 1995	Centre for Science Development (bursaries for Masters and Doctoral studies)
1992, 1993, 1994, 1996, 1997	Department of Archaeology, UCT (departmental grants)

1992	Jock Beattie Memorial Bursary
1993	University of Cape Town Research Committee (research grant)
2000	National Research Foundation: First Time Research Grant

CAREER ACTIVITIES AND ACHIEVEMENTS

- archaeological field trips: leadership, interpersonal relations, working in and with groups, responsibilities
- tutoring, teaching, supervising undergraduate and post-graduate students
- organisational skills, wide-ranging computer skills, management of research materials, projects and field trips, and completed a course in public speaking at the Professional Communications Unit at UCT.
- played a proactive and influential role in the conservation, management and mitigation of archaeological and heritage-related resources
- involved in the development and initiation of policy, procedures and protocols with respect to cultural resource management such as monitoring of developments and using state-of-the-art field techniques and technology to generate top quality scientific samples and assemblages
- educate and employ individuals from local communities where we conduct field work
- development and presentation of Point of Human Origins experience – the origins of modern human behaviour at Pinnacle Point, Mossel Bay, South Africa and its implications for the future of our species

Interests:

I am particularly interested in Stone Age or forager/hunter-gatherer archaeology. I am co-founder of the Mossel Bay Archaeology Project (MAP), which has made globally significant discoveries concerning the origins of modern humans and is currently one of the best funded projects worldwide. I resigned from academia in 2006 and now work as an independent specialist (archaeologist) consultant for environmental impact assessments. I am involved in outreach, education and tourism related projects aimed at sharing the story of our species' origins and where we may be headed in the future.

Book:

- Nilssen, Peter. 2011. Hunting or Scavenging in the Early and Middle Stone Ages of Africa – Experimental archaeology and reconstructing hominid strategies of carcass acquisition and butchery in the Upper Pleistocene and Plio-Pleistocene. VDM Verlag Dr. Muller GmbH & Co. KG (ISBN 978-3-639-37474-2)

Peer Review Publications:

- Nilssen, Peter and Craig Foster. 2017. The key to our future is buried in the past – philosophical thoughts on saving us from ourselves. *The Digging Stick* Vol 34, 1
- Antonietta Jerardino, Jonathan Kaplan, Rene Navarro and Peter Nilssen. 2016. Filling in the gaps and testing past scenarios on the Central West Coast: Hunter-gatherer subsistence and mobility at 'Deurspring 16' Shell Midden, Lamberts Bay, South Africa. *The South African Archaeological Bulletin* June 2016.
- McGrath, J.R., Cleghorn, N., Gennari, B., Henderson, S., Kyriacou, K., Nelson-Viljoen, C., Nilssen, P., Richardson, L., Shelton, C., Wilkins, J., & Maeran, C.W. 2015. The Pinnacle Point Shell Midden Complex: a Mid to Late Holocene Record of Later Stone Age Coastal Foraging Along the Southern Cape Coast of South Africa. *South African Archaeological Bulletin* 70 (202): 209–219.
- Abe, Y., C.W. Marean, P.J. Nilssen & D.J. Allen. 2014. Taphonomy–Edged, Incised, Hacking, and Impaling Traumas. *International Journal of Osteoarchaeology* 12(2):142 - 143 · January 2014
- Marean, C.W., Bar-Matthews, M., Fisher, E., Goldberg, P., Herries, A., Karkanas, P., Nilssen, P.J., Thomson, E. 2010. The stratigraphy of the Middle Stone Age sediments at Pinnacle Point Cave 13B (Mossel Bay, Western Cape Province, South Africa). *Journal of Human Evolution*, 59(3-4):234-55.
- Thalassa Matthews, Curtis Marean & Peter Nilssen 2009. Micromammals from the Middle Stone Age (92–167 ka) at Cave PP13B, Pinnacle Point, south coast, South Africa. *Palaeontologia Africana* (December 2009) 44: 112–120
- Miryam Bar-Matthews, Curtis Marean, Zenobia Jacobs, Panagiotis Karkanas, Erich Fisher, Andy Herries, Kyle Brown, Hope Williams, Jocelyn Bernatchez, Avner Ayalon, Peter Nilssen. 2010. A high resolution and continuous isotopic speleothem record of paleoclimate and paleoenvironment

from 90 to 53 ka from Pinnacle Point on the south coast of South Africa. *Quaternary Science Reviews* 29(17–18):2131-2145.

- Marean, C. W., Thompson, E., Williams, H., Bernatchez J. Nilssen, P. J *et al* (2007) “Early Human use of Marine resources and pigments in South Africa during the Middle Pleistocene” *Nature*
- Marean, C. W., Nilssen, P. J., Brown, K., Jerardino, A., and D. Stnyder (2004) “Paleoanthropological Investigations of Middle Stone Age Sites at Pinnacle Point, Mossel Bay (South Africa): Archaeology and Hominid Remains from the 2000 Field Season.” *PaleoAnthropology*
- Yoshiko Abe, Curtis W. Marean, Peter J. Nilssen, Zelalem Assefa, and Elizabeth Stone 2002. “The analysis of cut marks on archaeofauna: a review and critique of quantification procedures, and a new image-analysis GIS approach.” *American Antiquity* 67:
- C.W. Marean, Y. Abe, P.J. Nilssen, and E. Stone 2001. “Estimating the minimum number of skeletal elements (MNE) in zooarchaeology: a review and a new image-analysis GIS approach.” *American Antiquity* 66:333-348.
- Jerardino, R. Navarro, and P. Nilssen, 2001. An approach to the study of Cape rock lobster (*Jasus lalandii*) exploitation in the past: morphometric equations for estimating carapace length from mandible sizes. *South African Journal of Science* 97:59-62.
- D’Errico, F, C. Henshilwood and P. Nilssen 2001. An engraved bone fragment from c. 70,000-year-old Middle Stone Age levels at Blombos Cave, South Africa: implications for the origin of symbolism and language. *Antiquity* 75 (288): 309-318.
- Nilssen, Peter John. 2000. An actualistic butchery study in South Africa and its implications for reconstructing hominid strategies of carcass acquisition and butchery in the upper pleistocene and plio-pleistocene. Unpublished PhD dissertation, University of Cape Town, South Africa.
- Nilssen, Peter. 1994. Framing the present to capture the past: An example of videography in actualistic research. The *South African Archaeological Bulletin* Vol. XLIX (160): 100-102.
- Henshilwood, C., Nilssen, P. and Parkington, J. 1994. Mussel drying and food storage in the late Holocene, SW Cape, South Africa. *Journal of Field Archaeology*. 21: 103 - 109.
- Parkington, J., Nilssen, P., Reeler, C. and Henshilwood, C. 1992. Making sense of space at Dunefield Midden campsite, western Cape, South Africa. *Southern African Field Archaeology*. 1 (2): 63-71.

Heritage-related Impact Assessments (240 reports):

2020 (11 reports)

- Nilssen, P.J. 2020. AMENDMENT REPORT. To the Phase 1a Archaeological Impact Assessment. Draft Environmental Impact Report. Proposed Impofu East Wind Farm, Kouga Local Municipalities, Sarah Baartman District Municipality, Eastern Cape Province. (DEA Ref: 14/12/16/3/3/2/1104). Conducted in terms of Section 38 of the National Heritage Resource Act (No. 25 of 1999)
- Nilssen, P.J. 2020. AMENDMENT REPORT. To the Phase 1a Archaeological Impact Assessment. Draft Environmental Impact Report. Proposed Impofu North Wind Farm, Kou-Kamma and Kouga Local Municipalities, Sarah Baartman District Municipality, Eastern Cape Province. (DEA Ref: 14/12/16/3/3/2/1102). Conducted in terms of Section 38 of the National Heritage Resource Act (No. 25 of 1999)
- Nilssen, P.J. 2020. AMENDMENT REPORT. To the Phase 1a Archaeological Impact Assessment. Draft Environmental Impact Report. Proposed Impofu West Wind Farm, Kouga Local Municipalities, Sarah Baartman District Municipality, Eastern Cape Province. (DEA Ref: 14/12/16/3/3/2/1103). Conducted in terms of Section 38 of the National Heritage Resource Act (No. 25 of 1999)
- Nilssen, P.J. 2020. Heritage Impact Assessment. HWC Case 20072309SB0729E. Proposed Construction of Two Dwellings & Access Road on Portions of the Farm Misgunst Aan De Gouritz Rivier 257/19 (Fransmanshoek Peninsula), Mossel Bay, Western Cape Province. Conducted in terms of Section 38(8) of the National Heritage Resource Act (No. 25 of 1999) and the Western Cape Provincial Gazette 6061, Notice 298 of 2003
- Nilssen, P.J. 2020. Statement to Accompany HWC NID. (HWC Case No.: 20111104) Basic Assessment Process for the Proposed Water Pipeline from an Existing Borehole to the Existing Herbetsdale Reservoir within the R327 Road Reserve and on a Portion of Erf 0/24, Herbetsdale, Mossel Bay Local Municipality, Western Cape Province
- Nilssen, P.J. 2020. Heritage Statement for an Environmental Authorization or for a Part Two Amendment of an Environmental Authorisation as Required by the 2014 EIA Regulations. Proposed Residential Development on a Portion of Erf 155, Keurboomstrand, Plettenberg Bay, Western Cape Province
- Nilssen, P.J. 2020. Addendum to archaeological study for the L’Agulhas Estate based on the latest, May/June 2020 development layout referred to as Alternative 4b.
- Nilssen, P.J. 2020. Re: Archaeological Test Excavations – Inspection at WTG 25 (new 17) & WTG 43 (new 27) Oyster Bay Wind Farm, Eastern Cape
- Nilssen, P.J. 2020. Statement to Accompany HWC NID. (HWC Case No.: 20071003) Section 24G Application for Unauthorised Construction of a Gravel Road on Farm Honingfontein, Portion 372, Riversdale District Municipality, Western Cape Province

- Nilssen, P.J. 2020. Statement to Accompany HWC NID. (HWC Case No.: 20071308) Environmental Application for the Proposed Gravity Outfall Sewer Line, Robberg Nature Reserve, Erf 454, Plettenberg Bay, Eden District Municipality, Western Cape Province
- Nilssen, P.J. 2020. Heritage Impact Assessment - Archaeological Foot Survey. Requested and submitted in terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999) and the Western Cape Provincial Gazette 6061, Notice 298 of 2003. (HWC Case: 20101508SB1015E) Proposed Rezoning of Portion 284 of Farm 192, Treedom Villas, Wilderness, Western Cape Province

2019 (11 reports)

- Nilssen, P.J. 2019. Phase 1a Archaeological Impact Assessment. Basic Assessment Report in terms of NEMA. Proposed Grid Connection for the Impofu Wind Farms; from Kouga area to Sans Souci and Chatty Substations near Port Elizabeth, Eastern Cape Province. Conducted in terms of Section 38 of the National Heritage Resource Act (No. 25 of 1999)
- Nilssen, P.J. 2019. Phase 1a Archaeological Impact Assessment. Draft Environmental Impact Report. Proposed Impofu East Wind Farm, Kouga Local Municipality, Sarah Baartman District Municipality, Eastern Cape Province. Conducted in terms of Section 38 of the National Heritage Resource Act (No. 25 of 1999)
- Nilssen, P.J. 2019. Phase 1a Archaeological Impact Assessment. Draft Environmental Impact Report. Proposed Impofu North Wind Farm, Kou-Kamma and Kouga Local Municipalities, Sarah Baartman District Municipality, Eastern Cape Province. Conducted in terms of Section 38 of the National Heritage Resource Act (No. 25 of 1999)
- Nilssen, P.J. 2019. Phase 1a Archaeological Impact Assessment. Draft Environmental Impact Report. Proposed Impofu West Wind Farm, Kouga Local Municipality, Sarah Baartman District Municipality, Eastern Cape Province. Conducted in terms of Section 38 of the National Heritage Resource Act (No. 25 of 1999)
- Nilssen, P.J. 2019. Phase 1 a Archaeological Impact Assessment. Section 24G Application in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) & 2014 Environmental Impact Regulations. Illegal Expansion of Klein Zelpie Dam on Portion 8 of Farm 81 Klippedrif, Zebra, Oudtshoorn and Illegal Widening & Sealing of Klipdrift Water Canal on Portion 7 of Farm 80 and Portion 12 of Farm 81, George/Oudtshoorn, Western Cape Province. (DEA&DP Ref: 14/1/1/E3/8/9/3/L891/17; HWC Case No: 16112910AS1201E)
- Nilssen, P.J. 2019. Archaeological inspection and investigation in terms of item 10.1.1 in Heritage Western Cape's Draft APM Minutes of 3 December 2018. Provincial Heritage Site, Rock Shelter on Erf 51, and Construction on Erf 52, Herold's Bay, George District, Western Cape Province. (Information on PHS obtained from SAHRA website, Site No: 9/2/030/0032, SiteAutoID: 28824, Co-ords: -34.049902, 22.395587)
- Nilssen, P.J. 2019. Comment on latest layout – January 2019. Constraints Analysis Archaeological Resources. Proposed residential development of the L'Agulhas Lifestyle Estate: Erven 678, 679 & 680 Agulhas, Cape Agulhas Municipality, Bredasdorp Division, Western Cape Province
- Nilssen, P.J. 2019. Statement to Accompany HWC NID (HWC Case No.: 19060606). Proposed Consolidation, Rezoning and Development of Boutique Hotel on, Erven 19324, 19325 and 19326, Pinnacle Point, Mossel Bay District Municipality, Western Cape Province
- Nilssen, P.J. 2019. Archaeological Baseline Statement for Proposed Residential Development on Portions 82 & 92 of Farm Plattebosch 485, Still Bay, Riversdale District, Hessequa Municipality, Western Cape Province
- Nilssen, P.J. 2019. Archaeological Baseline Statement for Proposed Residential Development on Erf 4784, Still Bay, Hessequa Municipality, Western Cape Province
- Nilssen, P.J. 2019. Phase 1a Archaeological Impact Assessment. Draft Report. Application for inclusion in urban edge and Basic Assessment for the proposed residential development on Remainder Farm 631, Port Barry, Witsand, Hessequa, Western Cape Province. Conducted in terms of Section 38(8) of the National Heritage Resource Act (No. 25 of 1999) and the National Environmental Management Act (No 107 of 1998)

2018 (15 reports)

- Nilssen, P.J. 2018. Phase 1a Archaeological Impact Assessment - Scoping Phase - Proposed Impofu East Wind Farm, Kouga Local Municipality, Sarah Baartman District Municipality, Eastern Cape Province.
- Nilssen, P.J. 2018. Phase 1a Archaeological Impact Assessment - Basic Assessment Report in terms of NEMA. Proposed Grid Connection for the Impofu Wind Farms; from Kouga area to Sans Souci and Chatty Substations near Port Elizabeth, Eastern Cape Province.
- Nilssen, P.J. 2018. Phase 1a Archaeological Impact Assessment - Scoping Phase. Proposed Impofu North Wind Farm, Kou-Kamma and Kouga Local Municipalities, Sarah Baartman District Municipality, Eastern Cape Province.
- Nilssen, P.J. 2018. Phase 1a Archaeological Impact Assessment - Scoping Phase. Proposed Impofu West Wind Farm, Kouga Local Municipality, Sarah Baartman District Municipality, Eastern Cape Province.
- Nilssen, P.J. 2018. Revised Phase 1a Archaeological Impact Assessment - Proposed development of Herold Meander on Portions 27, 29, 38, 48 & 49 of the Farm Doorn River 98 (Herold), George District and Municipality, Western Cape Province. (HWC Case No. 15060303GT0609E; DEA&DP Pre-Application Ref Number: 16/3/3/6/7/1/D2/19/0106/15).
- Nilssen, P.J. 2018. Revised Archaeological Inspection. Section 24G Application in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) & 2014 Environmental Impact Regulations. Illegal Expansion of Klein Zelpie Dam on Portion 8 of Farm 81 Klippedrif, Zebra, Oudtshoorn and Illegal Widening & Sealing of Klipdrift Water Canal on Portion 7 of Farm 80 and Portion 12 of Farm 81,

George/Oudtshoorn, Western Cape Province. (DEA&DP Ref: 14/1/1/E3/8/9/3/L891/17; HWC Case No: 16112910AS1201E).

- Nilssen, P.J. 2018. Scoping Archaeological Impact Assessment With ADDENDUM for Amendment Application, 2018 (see from pg 23). Proposed development of the Plan 8 Grahamstown Wind Energy Project: including Farms Gilead 361, Peynes Kraal 362 and Tower Hill 363, Grahamstown, Makana Municipality, Eastern Cape Province.
- Nilssen, P.J. 2018. SCOPING REPORT - Archaeological Resources. Proposed rezoning, subdivision and residential development: Erf 3122, Hartenbos Heuwels, Mossel Bay, Western Cape Province.
- Nilssen, P.J. 2018. Phase 1a Archaeological Impact Assessment. Scoping Phase/ Proposed Hotazel Solar and Grid Connection on Remaining Extent (Portion 0) of the Farm York A 279, Portion 0 of Hotazel 280, Portion 11 of the Farm York A 279, and Portion 3 of the Farm York A 279, District of Hotazel, Northern Cape Province.
- Nilssen, P.J. 2018. Phase 1a Archaeological Impact Assessment. Environmental Impact Assessment. Proposed Gaetsewe Solar and Grid Connection on Portion 2 of the Farm Legoko No 460, District of Kuruman Rd, Gamagara Local Municipality, Northern Cape Province.
- Nilssen, P.J. 2018. Phase 1a Archaeological Impact Assessment. Environmental Impact Assessment. Proposed Mogara Solar and Grid Connection on Portions 1 and 2 of the Farm Legoko No 460 and Sekgame 461, District of Kuruman Rd, Gamagara Local Municipality, Northern Cape Province.
- Nilssen, P.J. 2018. Archaeological Inspection. Non-compliant construction works - Pansy Villas on Erf 5216, Mossel Bay, Western Cape Province. (Heritage Western Cape Case No. 121212RN12M).
- Nilssen, P.J. 2018. ARCHAEOLOGICAL LINE WALKDOWN. Construction of a New 66kv Bitou Substation and Overhead Powerline Between New Bitou Substation and Existing Robberg Substation, Plettenberg Bay, Western Cape. Eskom Unique Identifier: Robberg-Bitou 66kv O/H Line; DEA reference number 14/12/16/3/3/1/570; Heritage Western Cape Case No.: 131111TS20.
- Nilssen, P.J. 2018. Statement to Accompany HWC NID. (HWC Case No.: 18052308). Proposed Consolidation, Rezoning and Residential Development (Group Housing) on, Erven 824, 825, 826, 827, 828, 829, 830 and 831, Wilderness, George District Municipality, Western Cape Province.
- Nilssen, P.J. 2018. Phase 1a Archaeological Impact Assessment. (HWC Case No.: 18052308). Proposed Consolidation, Rezoning and Residential Development (Group Housing) on, Erven 824, 825, 826, 827, 828, 829, 830 and 831, Wilderness, George District Municipality, Western Cape Province.

2017 (7 reports)

- Nilssen, P.J. 2017. Report on Archaeological Monitoring at the site of Moquini Beach Hotel, Erf 14796, Mossel Bay, Eden, Western Province - Vegetation clearing for the period 23 May to 7 June 2016 and excavations for the period 1 to 21 November 2016.
- Nilssen, P.J. 2017. Screening Phase Report - Archaeological Resources: Proposed Grid Connection for the Impofu Wind Energy Facilities; from Kouga area to Sans Souci or Chatty Substations near Port Elizabeth, Eastern Cape Province.
- Nilssen, P.J. 2017. Screening Phase Report - Archaeological Resources: Proposed Impofu Wind Farms, Kouga Local Municipality, Humansdorp District, Eastern Cape Province.
- Nilssen, P.J. 2017. Phase 1a Archaeological Impact Assessment: Proposed development of Herold Meander on Portions 27, 29, 38, 48 & 49 of the Farm Doorn River 98 (Herold), George District and Municipality, Western Cape Province. (HWC Case No. 15060303GT0609E; DEA&DP Pre-Application Ref Number: 16/3/3/6/7/1/D2/19/0106/15)
- Nilssen, P.J. 2017. Constraints Analysis - Archaeological Resources: Proposed rezoning, subdivision and residential development: Erf 3122, Hartenbos Heuwels, Mossel Bay, Western Cape Province
- Nilssen, P.J. 2017. Phase 1a Archaeological Impact Assessment: Proposed Residential Development on Portion 71 of the Farm Uitzicht 216, Brenton on Sea, Knysna, Western Cape Province. Heritage Western Cape Case No.: 17020802WD0313E
- Nilssen, P.J. 2017. Constraints Analysis - Archaeological Resources: Proposed residential development of the L'Agulhas Lifestyle Estate: Erven 678, 679 & 680 Agulhas, Cape Agulhas Municipality, Bredasdorp Division, Western Cape Province

2016 (22 reports)

- Nilssen, P.J. 2016. Progress Report on Archaeological Monitoring at the site of Moquini Beach Hotel, Erf 14796, Mossel Bay, Eden, Western Province - Vegetation clearing for the period 23 May to 7 June 2016
- Nilssen, P.J. 2016. Phase 1a Archaeological Impact Assessment: Proposed development of Herold Meander on Portions 27, 29, 38, 48 & 49 of the Farm Doorn River 98 (Herold), George District and Municipality, Western Cape Province (HWC Case No. 1506 0303)
- Nilssen, P.J. 2016. Revised 10th Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 1 - 30 January 2016
- Nilssen, P.J. 2016. 11th Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 1 - 29 February 2016
- Nilssen, P.J. 2016. 12th Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 1 - 31 March 2016
- Nilssen, P.J. 2016. 13th Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 1 - 30 April 2016

- Nilssen, P.J. 2016. Final Report - Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 22 April 2015 - 31 May 2016
- Nilssen, P.J. 2016. Scoping Archaeological Impact Assessment: Proposed development of the AEP Kathu Solar Facility on Portion 0 of the Farm 460 Legoko, Kathu, Northern Cape Province
- Nilssen, P.J. 2016. Phase 1a Archaeological Impact Assessment: Proposed development of the AEP Kathu Solar Facility and associated Access Road and Grid Connection on Portion 0 of the Farm 460 Legoko, Portion 2 of the Farm 460 Legoko and Sekgame 461, Kathu, Northern Cape Province
- Nilssen, P.J. 2016. Scoping Archaeological Impact Assessment: Proposed development of the AMDA Alpha PV (Solar Energy Facility) on Portion 1 of N'Rougas Zuid No 121, Strausheim, and Overhead Power Line Grid Connection to the Eskom Nieuwehoop MTS Sub-Station across Portion 3 of Gemsbok Bult No120, Kenhardt Registration Division, Northern Cape Province
- Nilssen, P.J. 2016. Phase1a Archaeological Impact Assessment: Proposed development of the AMDA Alpha PV (Solar Energy Facility) on Portion 1 of N' Rougas Zuid No 121, Strausheim, and Overhead Power Line Grid Connection to the Eskom Nieuwehoop MTS Sub-Station across Portion 3 of Gemsbok Bult No 120, Kenhardt Registration Division, Northern Cape Province
- Nilssen, P.J. 2016. Scoping Archaeological Impact Assessment: Proposed development of the AMDA Bravo PV (Solar Energy Facility) on Portion 1 of N'Rougas Zuid No 121, Strausheim, and Overhead Power Line Grid Connection to the Eskom Nieuwehoop MTS Sub-Station across Portion 3 of Gemsbok Bult No120, Kenhardt Registration Division, Northern Cape Province
- Nilssen, P.J. 2016. Phase1a Archaeological Impact Assessment: Proposed development of the AMDA Bravo PV (Solar Energy Facility) on Portion 1 of N' Rougas Zuid No 121, Strausheim, and Overhead Power Line Grid Connection to the Eskom Nieuwehoop MTS Sub-Station across Portion 3 of Gemsbok Bult No 120, Kenhardt Registration Division, Northern Cape Province
- Nilssen, P.J. 2016. Scoping Archaeological Impact Assessment: Proposed development of the AMDA Charlie PV (Solar Energy Facility) on Portion 1 of N'Rougas Zuid No 121, Strausheim, and Overhead Power Line Grid Connection to the Eskom Nieuwehoop MTS Sub-Station across Portion 3 of Gemsbok Bult No120, Kenhardt Registration Division, Northern Cape Province
- Nilssen, P.J. 2016. Phase1a Archaeological Impact Assessment: Proposed development of the AMDA Charlie PV (Solar Energy Facility) on Portion 1 of N' Rougas Zuid No 121, Strausheim, and Overhead Power Line Grid Connection to the Eskom Nieuwehoop MTS Sub-Station across Portion 3 of Gemsbok Bult No 120, Kenhardt Registration Division, Northern Cape Province (DEA Reference No: 14/12/16/3/3/2/943)
- Nilssen, P.J. 2016. Heritage Statement - Proposed upgrading of existing road between John Brown Street (extension 13) and Alhof Street (extension 8) on RE 2001, Kwanonqaba, Mossel Bay, Western Cape Province (HWC Case No: 16020309) DEADP Ref No: 16/3/3/6/7/1/D6/7/0208/15 (this is the Pre-Application reference number)
- Nilssen, P.J. 2016. Scoping Archaeological Impact Assessment: Proposed development of the AMDA DELTA PV (Solar Energy Facility) on Remaining Extent Klondike No 670, and Overhead Power Line Grid Connection to the Mookodi MTS Sub-Station across Remainder of Erf 506 and Remainder of the Farm Rosendal 673, Vryburg, Registration Division, North West Province
- Nilssen, P.J. 2016. Phase1a Archaeological Impact Assessment: Proposed development of the AMDA Delta PV (Solar Energy Facility) on Remaining Extent Klondike No 670, and Overhead Power Line Grid Connection to the Mookodi MTS Sub-Station across Remainder of Erf 506 and Remainder of the Farm Rosendal 673, Vryburg, Registration Division, North West Province (EIA Reference No: NAL431/03)
- Nilssen, P.J. 2016. Scoping Archaeological Impact Assessment: Proposed development of the AMDA ECHO PV (Solar Energy Facility) on Remaining Extent Klondike No 670, and Overhead Power Line Grid Connection to the Mookodi MTS Sub-Station across Remainder of Erf 506 and Remainder of the Farm Rosendal 673, Vryburg, Registration Division, North West Province
- Nilssen, P.J. 2016. Phase1a Archaeological Impact Assessment: Proposed development of the AMDA Echo PV (Solar Energy Facility) on Remaining Extent Klondike No 670, and Overhead Power Line Grid Connection to the Mookodi MTS Sub-Station across Remainder of Erf 506 and Remainder of the Farm Rosendal 673, Vryburg, Registration Division, North West Province (EIA Reference No: NAL432/03)
- Nilssen, P.J. 2016. Scoping Archaeological Impact Assessment: Proposed development of the AMDA FOXTROT PV (Solar Energy Facility) on Remaining Extent Klondike No 670, and Overhead Power Line Grid Connection to the Mookodi MTS Sub-Station across Remainder of Erf 506 and Remainder of the Farm Rosendal 673, Vryburg, Registration Division, North West Province
- Nilssen, P.J. 2016. Phase1a Archaeological Impact Assessment: Proposed development of the AMDA Foxtrot PV (Solar Energy Facility) on Remaining Extent Klondike No 670, and Overhead Power Line Grid Connection to the Mookodi MTS Sub-Station across Remainder of Erf 506 and Remainder of the Farm Rosendal 673, Vryburg, Registration Division, North West Province (EIA Reference No: NAL433/03)

2015 (24 reports)

- Nilssen, P.J. 2015. 1st Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province
- Nilssen, P.J. 2015. 2nd Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province
- Nilssen, P.J. 2015. 3rd Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province June 2015
- Nilssen, P.J. 2015. 4th Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 1 - 31July 2015

- Nilssen, P.J. 2015. 5th Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 1 - 31 August 2015
- Nilssen, P.J. 2015. 6th Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 1 - 30 September 2015
- Nilssen, P.J. 2015. 7th Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 1 - 31 October 2015
- Nilssen, P.J. 2015. 8th Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 1 - 30 November 2015
- Nilssen, P.J. 2015. 9th Preliminary Report on Archaeological Monitoring at Gibson Bay Wind Farm, Eastern Cape Province For the period 1 - 31 December 2015
- Nilssen, P.J. 2015. Scoping Archaeological Impact Assessment: Proposed development of the AEP Kathu Solar Facility on Portion 0 of the Farm 460 Legoko, Kathu, Northern Cape Province
- Nilssen, P.J. 2015. Scoping Archaeological Impact Assessment: Proposed development of the AEP Legoko Solar Facility on Portion 2 of the Farm 460 Legoko, Kathu, Northern Cape Province
- Nilssen, P.J. 2015. Phase 1a Archaeological Impact Assessment: Proposed development of the AEP Legoko Solar Facility and associated Access Roads and Grid Connections on Portion 2 of the Farm 460 Legoko and Sekgame 461, Kathu, Northern Cape Province
- Nilssen, P.J. 2015. Scoping Archaeological Impact Assessment: Proposed development of the AEP Mogobe Solar Facility on Portion 1 of the Farm 460 Legoko, Kathu, Northern Cape Province
- Nilssen, P.J. 2015. Phase 1a Archaeological Impact Assessment: Proposed development of the AEP Mogobe Solar Facility and associated Access Road and Grid Connection on Portion 1 of the Farm 460 Legoko and Sekgame 461, Kathu, Northern Cape Province
- Nilssen, P.J. 2015. Phase 1a Archaeological Impact Assessment: Proposed Ladismith Bulk Water Supply Scheme on RE/95 (Ylands Valley) and RE/57 (Korrel Land), Ladismith, Kannaland District, Western Cape Province
- Nilssen, P.J. 2015. Phase 1a Archaeological Impact Assessment: Proposed redevelopment of Portions of Farms Roodewal 47/3, 17 and 72 (Spieskamp), Oudtshoorn District and Municipality, Western Cape Province (Heritage Western Cape Case Id: 1504 1501)
- Nilssen, P.J. 2015. Archaeological Micro-Siting of Wind Turbine, Site Camp, Lay-down and Substation Localities: Oyster Bay Wind Farm, Kouga Local Municipality, Humansdorp District, Eastern Cape Province
- Nilssen, P.J. 2015. Archaeological Monitoring of Vegetation Clearing and Earth Moving Activities in Mitigation of Development at Paradise Coast – portion of Project 6: Frail Care Centre and Group Housing - Remainder of the Farm Droogfontein 245, Mossel Bay, Western Cape Province - Progress Report
- Nilssen, P.J. 2015. Scoping Archaeological Impact Assessment: Proposed residential development of The Hill, Erf 1638 Sedgefield and Remainder of Portion 82 of the Farm No 205 RuygteVallei, Knysna Municipality, Sedgefield District, Western Cape Province
- Nilssen, P.J. 2015. MANAGEMENT OF ARCHAEOLOGICAL RESOURCES - PLATTEBOSCH 485 PORTION 51, STILBAAI, WESTERN CAPE PROVINCE
- Nilssen, P.J. 2015. Notification of Management of Archaeological / Heritage Resources at Remainder of Portion 51 of the Farm Plattebosch 485, Stilbaai, Hessequa Municipality, Western Cape Province (Heritage Western Cape Reference No. HW/Stilbaai/Site 54 & 57 Farm 485 PTN 51)
- Nilssen, P.J. 2015. Phase 2 Working Plan for Archaeological / Heritage Resources at Remainder of Portion 51 of the Farm Plattebosch 485, Stilbaai, Hessequa Municipality, Western Cape Province (Heritage Western Cape Reference No. HW/Stilbaai/Site 54 & 57 Farm 485 PTN 51)
- Nilssen, P.J. 2015. Scoping Archaeological Impact Assessment: Proposed development of Ephraim Sun Solar PV Development near Upington on Remainder of portion 62 (portion of portion 9) (Vryheid) of Farm Vaalkoppies no 40., //Khara Hais Municipality, Northern Cape Province
- Nilssen, P.J. 2015. Phase 1a Archaeological Impact Assessment: Proposed development of Ephraim Sun Solar PV Development near Upington on Remainder of portion 62 (portion of portion 9) (Vryheid) of Farm Vaalkoppies no 40. Including Potential Grid Connections Across Portions of the Farm Vaalkoppies 40/3, 9, 52 & 66; Farm 555/7; and Erven 73 & 19951, //Khara Hais Municipality, Kenhardt District, Northern Cape Province

2014 (13 reports)

- Nilssen, P.J. 2014. Scoping Archaeological Impact Assessment: Proposed development of the Droërvier Solar Facility, on Portion 55 of Farm 168 Steenrotsfontein and a portion of Portion 10 of Farm 170 Weltevreden, Beaufort West, Western Cape Province
- Nilssen, P.J. 2014. Phase 1a Archaeological Impact Assessment: Proposed Residential Development on Portions of the Farm Hartenbosch 217/4, 59 and 105, and Erven 1853, 3122 (Sonskynvallei), Mossel Bay District, Western Cape Province
- Nilssen, P.J. 2014. Phase 1a Archaeological Impact Assessment: Proposed New Municipal Cemetery on a portion of Erf 2001/0, Mossel Bay Municipality, Mossel Bay, Western Cape Province. (Heritage Western Cape Case No. 14091716AS1801E; DEA&DP Ref. Nr: 16/3/1/1/D6/28/0047/14)
- Nilssen, P.J. 2014. Statement to Accompany HWC NID: Proposed New Municipal Cemetery on a portion of Erf 2001/0, Mossel Bay Municipality, Mossel Bay, Western Cape Province (Heritage Western Cape Case No. 14091716; DEA&DP Ref. Nr: 16/3/1/1/D6/28/0047/14)
- Nilssen, P.J. 2014. Archaeological Ground Truthing / Micrositing of Selected Wind Turbine Localities: Authorised development of the Mossel Bay Wind Farm Project: including Portion 13 of Farm Hartebeest Kuil

213, Portions 3, 5, 12, 13 & 15 of Farm Welbedagt 215 and Portion 11 of Farm Bartelsfontein 226, Mossel Bay, Western Cape Province (Heritage Western Cape Case No. 111124JL20; NEAS Ref: DEA/EIA/0000970/2012; DEA Ref: 12/12/20/2536)

- Nilssen, P.J. 2014. Statement to Accompany HWC NID: AUTHORIZED DEVELOPMENT OF A 132 kV OVERHEAD POWER LINE AND SUBSTATION FROM THE PROPOSED MOSSELBAY WIND ENERGY FACILITY SUBSTATION TO THE EXISTING BLANCO PROTEUS 132KV POWER LINE, MOSSEL BAY MUNICIPALITY, WESTERN CAPE PROVINCE (NEAS Ref: DEA/EIA/0001627/2013, DEA Ref: 14/12/16/2/2/1/802)
- Nilssen, P.J. 2014. Archaeological Statement to Accompany HWC NID: Proposed New Bitou Municipal Cemetery and Integrated Urban Development: Portions 3 and 33 of Knysna Farm Hill View No 437, Plettenberg Bay, Division Knysna, Bitou Municipality, Western Cape Province
- Nilssen, P.J. 2014. Archaeological Statement to Accompany HWC NID: Proposed Rezoning & Development of Portion 5 Matjesfontein Farm No 304, Division Knysna, Bitou Municipality, Western Cape Province
- Nilssen, P.J. 2014. Phase 1a Archaeological Impact Assessment: Proposed Rezoning & Development of Portion 5 Matjesfontein Farm No 304, Division Knysna, Bitou Municipality, Western Cape Province (Heritage Western Cape Case No: 14060211GT0609E & Auto IDs: 2653-3068)
- Nilssen, P.J. 2014. FINAL Revised Heritage / Archaeological Impact Assessment - Including Alternative 3: Proposed Gibson Bay Wind Farm Grid Connection, Kou-Kamma and Kouga Local Municipalities, Humansdorp District, Eastern Cape Province
- Nilssen, P.J. 2014. Archaeological Final Micrositing of Internal Roads, Wind Turbine Localities, Internal Cable Routes, Substations and Construction Camp Sites; Results of Test Excavations and Geotechnical Tests & Core Inspections at Selected Wind Turbine Localities; and Input Regarding SAHRA's Requirements: Gibson Bay Wind Farm, Kouga, Eastern Cape Province (SAHRA Ref: 9/2/044/0001, 80/12/02/027/51; DEA Ref: 12/12/20/1756)
- Nilssen, P.J. 2014. Scoping Archaeological Impact Assessment: Proposed development of Joram Solar Facility near Upington on Remainder of Portion 62 and a Portion of Portion 9 of the Farm Vryheid No. 40, //Khara Hais Municipality, Northern Cape Province
- Nilssen, P.J. 2014. Phase 1a Archaeological Impact Assessment: Proposed development of Joram Solar (Photovoltaic) Facility on a Portion of the Farm Vaal Koppies 40/ Remainder Portion 60, Including Potential Grid Connections Across Portions of the Farm Vaal Koppies 40/3, 9, 52 & 66; Farm 555/7; and Erven 73 & 19951, Kenhardt District, Northern Cape Province

2013 (16 reports)

- Nilssen, P.J. 2013. Statement to Accompany HWC NID. Proposed Construction of FIBUA Range, SANDF Infantry School, Oudtshoorn, Western Cape Province (DEA Ref. Nr: 14/12/16/3/3/1/1045). Prepared for Mrs Marion O'Neil, Sharples Environmental Services, Tel: 044-873 4923; Fax: 044-874 5953; email: marion@sesc.net or postal address: PO Box 9087, George, 6530.
- Nilssen, P.J. 2013. Phase 1a Archaeological Impact Assessment. Proposed Rezoning and Residential Development of Portion 62 of the Farm Kraaibosch 195, George, Western Cape Province. prepared for PERCEPTION Heritage Planning, Mr Stefan De Kock, PO Box 9995, George, 6530, Tel: 082 568 4719, E-mail: perceptionenvplg@gmail.com and The Keith Lewer Allen Trust, C/O Mr M.H. Smith, PO Box 67, Sedgefield, 6573, Tel: 044 343 1426, E-mail: smithmh7@gmail.com
- Nilssen, P.J. 2013. Heritage / Archaeological Statement to Accompany Heritage Western Cape's Notification of Intent to Develop. Proposed Commercial Development of Concordia Waste Site on Erf 2248 and RE/214, Concordia, Knysna, Western Cape Province. prepared for bluepebble - independent environmental agency, Mr Jonathan Kingwill, 082 777 0705, bluepebble, Suite 41, Private Bag X31, Knysna, 6570, jonathan@bluepebble.biz
- Nilssen, P.J. 2013. Archaeological Statement. Proposed Residential Development of Pansy Villas on Erf 5216, Mossel Bay, Western Cape Province, in terms of Section 38 of the National Heritage Resources Act (Act 25 of 1999) (Heritage Western Cape Case No. 121212RN12M) Prepared for The EAP: Mrs Chantal Laufs, HillLand Environmental Assessment Practitioners, PO Box 590, George, 6530, Tel: 044 889 0229, E-mail: info@hilland.co.za
- Nilssen, P.J. (revised 2013). Archaeological Impact Assessment (HWC case number: 120309JL08) Proposed Upgrade of the Mossel Bay Point on Erven 3419, 3794, 15131 and 3626, Mossel Bay, Western Cape Province. prepared for Perception Heritage Planning, Mr Stefan De Kock, PO Box 9995, GEORGE, 6530, Western Cape, Fax: +27(0)86 510 8357, Mobile: +27(0)82 568 4719
- Nilssen, P.J. 2013. Statement to Accompany HWC NID. Proposed Construction of FIBUA Range, SANDF Infantry School, Oudtshoorn, Western Cape Province (DEA Ref. Nr: 14/12/16/3/3/1/1045). Prepared for Mrs Marion O'Neil, Sharples Environmental Services cc, Tel: 044-873 4923; Fax: 044-874 5953; email: marion@sesc.net or postal address: PO Box 9087, George, 6530.
- Nilssen, P.J. 2013. Integrated Heritage Impact Assessment focused on Archaeological and Visual Impact studies - compiled in terms of Section 38(8) of the National Heritage Resources Act, 1999 (Act 25 of 1999). Proposed Dysseldorp Re-Power PV Plant on Portions 37, 39, 101 and Remaining Extent of the Farm Van Wykskraal No. 117 and a Portion of Portion 10 of the Farm Schuinspad No. 83, Oudtshoorn District, Western Cape Province. (DEA Ref: 14/12/16/3/3/2/523; Heritage Western Cape Case No. 121203TS09 & Auto IDs. 2088 – 2262; Withers Environmental Consultants Job No. 12/08/1291). prepared for The Applicant: Dysseldorp Re-Power (Pty) Ltd., C/O Mr. Pieter de Villiers, Withers Environmental Consultants, PO Box 6118, Uniedal, 7612, Tel: 021 887 4000, Fax: 021 883 2952, Email: info@withersenviro.co.za

- Nilssen, P.J. 2013. Phase 1a Archaeological Impact Assessment. Proposed Residential Development of Nature's Path Lifestyle Village on Parts of Portions 9 and 10 of the Farm Matjiesfontein No. 304, Keurboomstrand, Plettenberg Bay, Western Cape Province (Heritage Western Cape Case No. X111018JL12), prepared for Sharples Environmental Services CC, c/o Ms Cara Nieuwoudt, PO Box 9087, George, 6530, Tel: +27 (0)44 873 4923, E-mail: cara@sesc.net and the Jara Trust, PO Box 12520, Die Boord, Stellenbosch, 7613
- Nilssen, P.J. 2013. Statement to Accompany HWC NID. Retreat of Coastal Municipal Sewer Infrastructure in Poortjies, Plettenberg Bay, Eden, Western Cape Province. prepared for bluepebble - independent environmental agency, Mr Craig Bester, 082 696 0098, bluepebble, Suite 41, Private Bag X31, Knysna, 6570
- Nilssen, P.J. 2013. Statement to Accompany HWC NID. Proposed Poortjies Embankment Protection, Plettenberg Bay, Eden, Western Cape Province. prepared for bluepebble - independent environmental agency, Mr Craig Bester, 082 696 0098, bluepebble, Suite 41, Private Bag X31, Knysna, 6570, craig@bluepebble.biz
- Nilssen, P.J. 2013. Heritage Impact Assessment - Archaeological Statement. Proposed Rezoning, Subdivision and Residential Development of Portion 58 of the Farm Brakklouf 443, Plettenberg Bay, Western Cape Province (HWC Case Nr: 130927TS02). Prepared for Marike Vreken Town Planners CC, PO Box 2180, Knysna, 6570, tel. +27 (0)44 382 0420, fax. +27 (0)44 382 0438, cell. +27 (0)82 927 5310, e-mail. marike@vreken.co.za on behalf of Duin en See (Pty) Ltd.
- Nilssen, P.J. 2013. Statement to Accompany HWC NID. Proposed extension of Rheeboek Stone mining area on Portion 20 a portion of portion 16 of the farm Rheeboekfontein no. 142, Great Brak River, Mossel Bay, Western Cape Province. Prepared for The Applicant: Rheeboek Mining (Pty) Ltd, Mr. Nicky van Wyk, Sorgfontein Road, Sandhoogte, Great Brak River, 6525, Tel: 044 620 2276; Fax: 086 734 5098; Cell: 082 696 4914 nicky@rheeboekbrick.co.za and The EAP: Mr. Dale Holder, Cape Environmental Assessment Practitioners (Pty) Ltd, PO Box 2070, George, 6530, Tel: 044 874 0365, Fax: 044 874 0432, dale@cape-eaprac.co.za
- Nilssen, P.J. 2013. Heritage / Archaeological Impact Assessment. Proposed Gibson Bay Wind Farm Grid Connection, Kou-Kamma and Kouga Local Municipalities, Humansdorp District, Eastern Cape Province. prepared for Cape Environmental Assessment Practitioners (Pty) Ltd (Cape EAPrac), C/O Mrs Siân Holder, PO Box 2070, George, 6530, Tel: 044 874 0365, Fax: 044 874 0432, E-mail: sian@cape-eaprac.co.za, and Gibson Bay Wind Farm Pty Ltd, C/O Mr Lance Blaine, Unit B2, Mainstream Shopping Centre, Hout Bay, Cape Town, 7806; Tel: 021 790 1392; E-mail: lance@red-cap.co.za
- Nilssen, P.J. 2013. Archaeological Preliminary Micrositing of Internal Roads and Wind Turbine Localities and Input Regarding SAHRA's Requirements. Proposed Gibson Bay Wind Farm, Kouga, Eastern Cape Province (SAHRA Ref: 9/2/044/0001, 80/12/02/027/51; DEA Ref: 12/12/20/1756). prepared for Gibson Bay Wind Farm Pty Ltd, C/O Mr Lance Blaine, Unit B2, Mainstream Shopping Centre, Hout Bay, Cape Town, 7806; Tel: 021 790 1392; E-mail: lance@red-cap.co.za
- Nilssen, P.J. 2013. Archaeological Preliminary Micrositing of Internal Roads and Wind Turbine Localities, Test Excavations at Selected Wind Turbine Localities, and Input Regarding SAHRA's Requirements. Gibson Bay Wind Farm, Kouga, Eastern Cape Province (SAHRA Ref: 9/2/044/0001, 80/12/02/027/51; DEA Ref: 12/12/20/1756). prepared for Gibson Bay Wind Farm Pty Ltd, C/O Mr Lance Blaine, Unit B2, Mainstream Shopping Centre, Hout Bay, Cape Town, 7806; Tel: 021 790 1392; E-mail: lance@red-cap.co.za
- Nilssen, P.J. 2013. Phase 1a Archaeological Impact Assessment. Proposed Access Road from Walvisuitkykpunt to Residential Erven 4463, 4464, 4474, 4097, 4199 and 4421, Stilbaai, Western Cape Province. prepared for Mr Jan Veldsman, ALPHAPLAN, Stilbaai, Tel: 028 7543000, Fax: 0865 128003, Mobile: 083 2925473, Email: alphaplanstilbaai@yahoo.com

2012 (24 reports)

- Nilssen, P.J. 2012. Scoping Archaeological Impact Assessment. Proposed Beaufort West Solar Energy Plant on Erf 7388, Beaufort West, Western Province. Prepared for Cape Environmental Assessment Practitioners (Pty) Ltd (Cape EAPrac), PO Box 2070, George, 6530, Tel: 044 874 0365, Fax: 044 874 0432, on behalf of WEPTEAM – WATER AND ENERGY PROJECTS TEAM, S.A., Av. 5 de Outubro no. 851, 1050-050 Lisboa, Portugal, slemazurier@we-engineering.eu (Sophie Lemazurier)
- Nilssen, P.J. 2012. Archaeological Impact Assessment. Proposed Development of a Residential Resort: Portion 64 of the Farm Kraaibosch 195, Victoria Bay, George, Western Cape Province. prepared for Vic Bay Properties (Pty) Ltd, PO Box 385, George, 6530, C/O Martin Cloete of QuanSur (Pty) Ltd, P.O. Box 9847, George, 6530, Tel: 0878062796, e-mail: martin@quansur.com
- Nilssen, P.J. 2012. Scoping Archaeological Impact Assessment. Proposed development of the Plan 8 Grahamstown Wind Energy Project: including Farms Gilead 361, Peynes Kraal 362 and Tower Hill 363, Grahamstown, Makana Municipality, Eastern Cape Province. prepared for Mr. Hylton Newcombe, Coastal & Environmental Services, 67 African Street, PO Box 934, Grahamstown, 6140, Tel: 046 622 2364/7, Fax: 046 622 6564, h.newcombe@cesnet.co.za
- Nilssen, P.J. 2012. Statement to Accompany HWC NID. Proposed Upgrade of the Laingsburg Water Supply Pipeline, Laingsburg, Western Cape Province. prepared for Khula Environmental Consultants, Ms. Monique Croome, 8 Andrews Way, Kommetjie, Tel: 021 785 3560, Fax: 086 546 5552, moniquesham@gmail.com
- Nilssen, P.J. 2012. Statement to Accompany HWC NID. Proposed Midbrak Main Sewer Pipeline, Great Brak River, Mossel Bay, Western Cape Province. prepared for Cape Environmental Assessment Practitioners (Pty) Ltd, Mrs Siân Holder, P.O. Box 2070, George, 6530, Tel: 044 874 0365 on behalf of MVD

Raadgewende Ingenieurs (Suid-Kaap) (Edms) Bpk., Mr I.M Van Rooyen, on behalf of the Mossel Bay Municipality

- Nilssen, P.J. 2012. Archaeological Impact Assessment. (HWC case number: 120417JW13) Proposed Residential Development on Erf 11567, Mossel Bay, Western Cape Province. prepared for Marike Vreken Town Planners CC, PO Box 2180, Knysna, 6570, tel. +27 (0)44 382 0420, fax. +27 (0)44 382 0438, cell. +27 (0)84 480 5808, www.vreken.co.za, contact: Gemma Pogodin
- Nilssen, P.J. 2012. Archaeological Impact Assessment. (HWC case number: 120309JL08) Proposed Upgrade of the Mossel Bay Point on Erven 3419, 3794, 15131 and 3626, Mossel Bay, Western Cape Province. prepared for Perception Heritage Planning, Mr Stefan De Kock, PO Box 9995, GEORGE, 6530, Western Cape, Fax: +27(0)86 510 8357, Mobile: +27(0)82 568 4719
- Nilssen, P.J. 2012. Statement to Accompany HWC NID. Proposed development of the Mossel Bay Wind Farm: including Portion 13 of Farm Hartebeest Kuil 213, Portions 3, 5, 12, 13 & 15 of Farm Welbedagt 215 and Portion 11 of Farm Bartelsfontein 226, Mossel Bay, Western Cape Province. prepared for HENQUE 1018 CC CK NO 97/061914/23, Ms. Amber Jackson, Coastal & Environmental Services, 67 African Street, PO Box 934, Grahamstown, 6140, Tel: 046 622 2364/7, Fax: 046 622 6564, a.jackson@cesnet.co.za
- Nilssen, P.J. 2012. Scoping Archaeological Impact Assessment. Proposed development of the Mossel Bay Wind Farm: including Portion 13 of Farm Hartebeest Kuil 213, Portions 3, 5, 12, 13 & 15 of Farm Welbedagt 215 and Portion 11 of Farm Bartelsfontein 226, Mossel Bay, Western Cape Province. prepared for HENQUE 1018 CC CK NO 97/061914/23, Ms. Amber Jackson, Coastal & Environmental Services, 67 African Street, PO Box 934, Grahamstown, 6140, Tel: 046 622 2364/7, Fax: 046 622 6564
- Nilssen, P.J. 2012. Archaeological Impact Assessment. Proposed development of the Mossel Bay Wind Farm Project: including Portion 13 of Farm Hartebeest Kuil 213, Portions 3, 5, 12, 13 & 15 of Farm Welbedagt 215 and Portion 11 of Farm Bartelsfontein 226, Mossel Bay, Western Cape Province. prepared for Mossel Bay Energy IPP (Pty) Ltd (RF), Registration No. 2006/001290/07; Coastal & Environmental Services, 67 African Street, PO Box 934, Grahamstown, 6140, Tel: 046 622 2364/7, Fax: 046 622 6564; Francesca Pisacane, Foster Wheeler Italiana S.r.l., Tel. +39 02 4486 2495, PERCEPTION Heritage Planning, PO Box 9995, GEORGE, 6530, Fax: +27(0)86 510 8357, Mobile: +27(0)82 568 4719
- Nilssen, P.J. 2012. Phase 1a Archaeological Impact Assessment. The Proposed Building and Operation of a Bulk Water Supply Line near Upington on Remaining Extent of the Farm Vaalkoppies No. 40, //Khara Hais Municipality, Northern Cape Province. prepared for Van Zyl Environmental Consultants cc, Ms Irmé van Zyl, PO Box 567, Upington, 8800, Tel: 054 338 0722, Fax: 086 624 0306, Mobile: 072 222 6194, Email: ibvanzyl@telkomsa.net, Applicant: Deo Gloria Olive Estate (Pty) Ltd 1998/010126/07
- Nilssen, P.J. 2012. Archaeological Impact Assessment. Proposed Kwartelspan PV Power Station I and Associated Infrastructure, Pixley ka Seme District Municipality, Northern Cape Province. prepared for Van Zyl Environmental Consultants cc, Ms Irmé van Zyl, PO Box 567, Upington, 8800, Tel: 054 338 0722, Fax: 086 624 0306, Mobile: 072 222 6194, Email: ibvanzyl@telkomsa.net, Applicant: Suntrance Africa (Pty) Ltd
- Nilssen, P.J. 2012. Archaeological Impact Assessment. Proposed Dysselsdorp Re-Power Photovoltaic Plant on Portions 37, 39, 101 and Remaining Extent of the Farm Van Wykskraal No. 117 and a Portion of Portion 10 of the Farm Schuinspad No. 83, Oudtshoorn District, Western Cape Province. (DEA&DP Ref: 16/3/1/2/D7/5/0010/12) prepared for The Applicant: Dysselsdorp Re-Power (Pty) Ltd, C/O Mr. Pieter de Villiers, Withers Environmental Consultants, PO Box 6118, Uniedal, 7612, Tel: 021 887 4000, Fax: 021 883 2952, Email: pieter@withersenviro.co.za
- Nilssen, P.J. 2012. Archaeological Monitoring of Vegetation Clearing and Earth Moving Activities in Mitigation of Development at Paradise Coast. Remainder of the Farm Droogfontein 245, Mossel Bay, Western Cape Province. Final Report. Prepared For: Papilio Investments 33 (Pty) Ltd, PO Box 2500, Northcliff, 2110, Mrs Marietjie Yelverton, 044 6982027, myelverton@live.com
- Nilssen, P.J. 2012. Statement to Accompany HWC NID. Proposed construction of access road, dam, shed and dwelling on Farm 560, Plettenberg Bay, Bitou, Western Cape Province. prepared for bluepebble - independent environmental agency, Mr Jonathan Kingwill, 082 777 0705, bluepebble, Suite 41, Private Bag X31, Knysna, 6570
- Nilssen, P.J. 2012. Archaeological Inspection. proposed development on Erf 149, Main Road, Keurboomstrand, Knysna - Archaeological Inspection & Statement for Heritage Western Cape (HWC case number X111111ZS15 dated 7 March 2012). Mr. Jacques du Toit, Victor Peterson Trust, PO Box 66407, Highveld, 0169
- Nilssen, P.J. 2012. Archaeological Inspection. Proposed access driveway to Erf 295, Plettenberg Bay. Mr. Jonathan Kingwill, Bluepebble – independent environmental agency, bluepebble@iafrica.com
- Nilssen, P.J. 2012. Statement to Accompany HWC NID. Proposed Construction of a Dwelling on Erf 569, Keurbaai, Keurboomstrand, Plettenberg Bay, Eden, Western Cape Province. prepared for bluepebble - independent environmental agency, Mr Jonathan Kingwill, 082 777 0705, bluepebble, Suite 41, Private Bag X31, Knysna, 6570
- Nilssen, P.J. 2012. Archaeological Inspection. Proposed New Dwelling on Erf 569, Keurbaai, Plettenberg Bay. Mr. Jonathan Kingwill, Bluepebble – independent environmental agency, bluepebble@iafrica.com
- Nilssen, P.J. 2012. Statement to Accompany HWC NID. Proposed construction of elevated Treetops Walkway on Portion 11 of Matjiesfontein 304, Plettenberg Bay, Bitou, Western Cape Province. Prepared for Mr Peet Joubert, Cell: 083 630 4594
- Nilssen, P.J. 2012. Heritage Impact Assessment involving an Archaeological Impact Assessment of identified middens (HWC case number 120222SD25). Proposed Wildlife Sanctuary (Puzzle Park) on Remainder of Farm Oakhill 479, Plettenberg Bay, Western Cape Province. prepared for Eco-Route Environmental

Consultancy, Janet Ebersohn, PO Box 3511, Knysna, 6570, janet@ecoroute.co.za, Tel: 044 381 0515, Fax: 044 381 0515

- Nilssen, P.J. & K. van Ryneveld 2012. Phase 1b and Phase 2a Exploratory Archaeological Investigation of Shell Middens. Eastern Cape Provincial Heritage Resources Authority (ECPHRA) Permit – Permit Ref. No: 2/2/APM-Permit/12/10/001 The Development of the MetroWind Van Stadens Wind Energy Facility, Rietfontein 594 and Klein Rietfontein 476, Nelson Mandela Bay Municipality, Eastern Cape Province. FINAL REPORT. prepared for ECPHRA, Mr Sello Mokhanya, PO Box 16208, Amathole Valley, 5616, Fax: +27 43 642 2812, Tel: +27 43 642 2811, e-mail: smokhanya@ecphra.org.za and SRK Consulting (Pty) Ltd, Ms Tamarin Arthur, PO Box 21842, Port Elizabeth, 6000, Fax: +27 41 509 4850, Tel: +27 41 509 4800, e-mail: TArthur@srk.co.za on behalf of Rubicept (Pty) Ltd, Mr John McGillivray, PO Box 5104, Walmer, Port Elizabeth, 6065, Fax: +27 41 585 3437, Tel: +27 41 505 8000, e-mail: john@africoast.com
- Nilssen, P.J. 2012. Principal Investigator - RED CAP KOUGA WIND FARM – CENTRAL CLUSTER – archaeological test excavations and monitoring. Mrs. Colette Scheermeyer, South African Heritage Resources Agency, 111 Harrington Street, Cape Town, 8000
- Nilssen, P.J. 2012. Scoping Archaeological Impact Assessment. Proposed Western Bypass– Still Bay Ring Road – alignment around Still Bay West to Jongensfontein, various properties, Still Bay, Western Cape Province. prepared for Cape Environmental Assessment Practitioners (Cape-EAPrac), PO Box 2070, George, 6530, mel@cape-eaprac.co.za on behalf of Vela VKE Consulting Engineers (Pty) Ltd.
- Nilssen, P.J. 2012. Scoping Archaeological Impact Assessment. Proposed Lunsklip Wind Farm on Portion 135 of Farm Melkhoutfontein 480, Portions 2 and 3 of Farm 630, Remainder Farm 630, Remainder Portion 7 of Farm Luins Klip 472, Portion 1 of Farm 635, Portions 2 and 25 of Farm Luins Klip 472 and Farm 626, Stilbaai, Western Cape Province. prepared for Cape Environmental Assessment Practitioners (Pty) Ltd (Cape EAPrac), PO Box 2070, George, 6530, Tel: 044 874 0365, Fax: 044 874 0432, and Bergwind Energy (Pty) Ltd, P.O. Box 596, Stilbaai 6674, Tel: 028 754 1526 / Fax: 028 754 1129

2011 (21 reports)

- Nilssen, P.J. 2011. Archaeological Impact Assessment: Proposed residential development on Remainder Farm 631, Port Barry, Witsand, Hessequa, Western Cape Province. prepared for Cape Environmental Assessment Practitioners, P.O. Box 2070, George, 6530, Tel: (044) 874 0365
- Nilssen, P.J. 2011. Scoping Archaeological Impact Assessment: Proposed Kluitjieskraal Swellendam Wind Farm: on portions 0, 2, 3, and 4, of Farm Kluitjieskraal 256, Swellendam, Western Cape Province. prepared for Doug Jeffery Environmental Consultants (Pty) Ltd, Simondium Road, PO Box 44, Klapmuts 7625, Telephone: 021 875 5272
- Nilssen, P.J. 2011. Scoping Archaeological Impact Assessment: Proposed Goereesoe Swellendam Wind Farm: on portions 0, 2, 4, and 5, of Farm Goereesoe 432, Swellendam, Western Cape Province. prepared for Doug Jeffery Environmental Consultants (Pty) Ltd, Simondium Road, PO Box 44, Klapmuts 7625, Telephone: 021 875 5272
- Nilssen, P.J. 2011. Scoping Archaeological Impact Assessment: Proposed Moorreesburg Wind Farm: on various portions of the farms Klein Swartfontein and Hanekomshoop, Moorreesburg, Western Cape Province. prepared for Doug Jeffery Environmental Consultants (Pty) Ltd, Simondium Road, PO Box 44, Klapmuts 7625, Telephone: 021 875 5272
- Nilssen, P.J. 2011. Archaeological Impact Assessment: Application for a Mining Permit: Portion 15 of Farm 422, Bitou Municipality, District Knysna, Western Cape Province. prepared for Mr. Anton Schnetler, KK Sand, PO Box 1834, Plettenberg Bay, 6600, tel: 044 - 532 7734
- Nilssen, P.J. 2011. Archaeological Impact Assessment: Proposed Construction of an Off-stream Storage Dam (Wadriif 1E Dam) on the Farm Doukamma 221, Plettenberg Bay, Western Cape Province. prepared for Dr. Colleen Ebersohn, ECO-ROUTE Environmental Consultancy, Tel: 044 3810515
- Nilssen, P.J. 2011. Archaeological Monitoring in compliance with Heritage Western Cape RoD ID 930 and Case ID 471, Robberg Vlei Boardwalk, Whale Rock Reserve, Erf 10306, Plettenberg Bay, Western Cape Province. prepared for HillLand Associates, PO Box 590, George, 6530, Tel: 044 889 0229
- Nilssen, P.J. 2011. Heritage Impact Assessment (HWC – Case No: 110705JL05, Case ID: 1471, Letter ID: 1384), Archaeological Impact Assessment: Proposed boardwalk access to Robberg Bay Beach from PTN 111 of the Farm Brakkloof No. 443, Plettenberg Bay, Western Cape Province. prepared for Eco-Route Environmental Consultancy, Po Box 3511, Knysna, 6573, Telephone: 044 381 0515
- Nilssen, P.J. 2011. Archaeological Impact Assessment: Section 24G Application for Environmental Authorisation: Relocation and protection of existing municipal infrastructure due to flood damage in Lookout Area, Plettenberg Bay, Western Cape Province. prepared for Bluepebble – independent environmental agency, Mobile: 082 7770705
- Nilssen, P.J. 2011. Heritage Statement to accompany HWC NID: Proposed Construction of a new First Aid Room, Keurbooms Beach, ERF 155, Plettenberg Bay, Western Cape Province. prepared for Bluepebble – independent environmental agency, Mobile: 082 6960098
- Nilssen, P.J. 2011. Archaeological Monitoring of Vegetation Clearing and Earth Moving Activities in Mitigation of Development at Paradise Coast. Remainder of the Farm Droogfontein 245, Mossel Bay, Western Cape Province. Final Report prepared for Papilio Investments 33 (Pty) Ltd, PO Box 2500, Northcliff, 2110, Mrs Marietjie Yelverton, 044 6982027
- Nilssen, P.J. 2011. Archaeological Monitoring of Vegetation Clearing and Earth Moving Activities in Mitigation of the upgrading and expansion of the Cape St Blaize Independent School Erf 18985 (Portion of Remainder Erf 2001), Heiderand, District Mossel Bay, Western Cape Province. (HWC Unique RoD ID: 736, Unique Case ID: 813). Final Report prepared for Curro Holdings (Pty) Ltd Mr. Andries Greyling, 021 9791204

- Nilssen, P.J. 2011. Heritage Statement to accompany HWC NID: Proposed Increase in Capacity of the Kloof Dam, Remainder Farm 953, Malmesbury, Western Cape Province. prepared for Atkinson Survey and Designs, PO Box 3158, Tygervallei, 7536 Tel 082 774 1331
- Nilssen, P.J. 2011. Scoping Archaeological Impact Assessment: Proposed development of the Plan 8 Grahamstown Wind Energy Project: including Farms Gilead 361, Peynes Kraal 362 and Tower Hill 363, Grahamstown, Makana Municipality, Eastern Cape Province. prepared for Coastal & Environmental Services, 67 African Street, PO Box 934, Grahamstown, 6140, Tel: 046 622 2364/7
- Nilssen, P.J. 2011. Archaeological Impact Assessment: Proposed residential development, Portion 52 Kraaibosch Farm 195, George, Western Cape Province. prepared for Cape Environmental Assessment Practitioners (Cape EAPrac), P.O. Box 2070, George, 6530, Tel: 044 889 0229
- Nilssen, P.J. 2011. Supporting Statement for Notification of Intent to Develop: Raising the Spillway of the Garden Route Dam, George, Western Cape Province. prepared for Hilland Associates – Environmental Consultants, PO Box 590, George, 6530, Tel: 044 889 0229
- Nilssen, P.J. 2011. Statement to Accompany HWC NID: Proposed upgrade of the Pinnacle Point WWTW and installation-construction of external services: Remainder Erf 15390, Mossel Bay and Remainder Farm Droogfontein 245, Mossel Bay, Western Cape Province. prepared for Cape Environmental Assessment Practitioners (Cape EAPrac), PO Box 2070, George, 6530, Tel: 044 874 0365
- Nilssen, P.J. 2011. Heritage Impact Assessment consisting of an Archaeological Impact Assessment: Proposed Construction of a Wooden Walkway and Viewing Platform on Erf 537, Boggom's Baai, Mossel Bay, Western Cape Province. prepared for Mr. Warren Manuel, Mossel Bay Municipality
- Nilssen, P.J. 2011. Archaeological Impact Assessment: Proposed Beaufort West N1 Wind Energy Farm: 2/158 Lemoenkloof, RE 9/161 Kuilspoor, RE 162 Suid-lemoensfontein and RE 1/163 Bulskop, Beaufort West, Western Province. prepared for Cape Environmental Assessment Practitioners (Cape EAPrac), PO Box 2070, George, 6530, Tel: 044 874 0365
- Nilssen, P.J. 2011. Archaeological Impact Assessment: Proposed Beaufort West Photovoltaic (Solar) Park: southern portion of properties; 2/158 Lemoenkloof, RE 9/161 Kuilspoor, RE 162 Suid-lemoensfontein and RE 1/163 Bulskop, Beaufort West, Western Province. prepared for Cape Environmental Assessment Practitioners (Cape EAPrac), PO Box 2070, George, 6530, Tel: 044 874 0365
- Nilssen, P.J. 2011. Scoping Archaeological Impact Assessment: Proposed Beaufort West Photovoltaic Power Station (Solar): southern portion of properties; 2/158 Lemoenkloof, RE 9/161 Kuilspoor, RE 162 Suid-lemoensfontein and RE 1/163 Bulskop, Beaufort West, Western Province. prepared for Cape Environmental Assessment Practitioners (Cape EAPrac), PO Box 2070, George, 6530, Tel: 044 874 0365

2010 (29 reports)

- Nilssen, P.J. 2010. St. Francis Links - Golf Estate: Phase 2 Archaeological Mitigation. Preliminary Report prepared for Mr. Frank Silberbauer, on behalf of Mr. Michael Simpson of WBHO and Mrs Mary Leslie and Mrs Colette Scheermeyer of the South African Heritage Resources Agency (SAHRA permit No. 80/04/08/032/51)
- Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed residential development: Farm 485, Plattenberg Bay, Bitou, Eden, Western Province. prepared for Cape Environmental Assessment Practitioners (Cape EAPrac), PO Box 2070, George, 6530, Tel: 044 874 0365
- Nilssen, P.J. 2010. Archaeological Monitoring of Vegetation Clearing and Earth Moving Activities in Mitigation of Development at Paradise Coast Remainder of the Farm Droogfontein 245, Mossel Bay, Western Cape Province. Progress Report Prepared for Papilo Investments 33 (Pty) Ltd, PO Box 2500, Northcliff, 2110, Mr Des Yelverton, 044 6982027
- Nilssen, P.J. 2010. Archaeological Monitoring [Mossel Bay Desalination Plant]: PetroSA Administration Area, Voorbaai, Erf 3169, Hartenbos, Mossel Bay, Western Cape Province prepared for Aurecon South Africa (Pty) Ltd. P.O. Box 509, GEORGE, 6530, Tel: (044) 805 5410
- Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed Covie Land Restitution Project: Remainder of Farm 287, Covie, District Knysna, Western Cape Province. prepared for Department of Land Affairs, C/o Mr Alfonso Sauls, Sauls and Associates, Tel/Fax: 044 279 3185
- Nilssen, P.J. 2010. Scoping Archaeological Impact Assessment: Feasibility Study for Proposed "180 Degrees Development": Portions 1, 14 and Remainder of Farm 236, Farm 349, Remainder of Farm 237 and Portion 1 of Farm 293, Harold's Bay, George, Western Cape Province. prepared for Cape Environmental Assessment Practitioners (Cape EAPrac), PO Box 2070, George, 6530, Tel: 044 874 0365
- Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed development, Amanzi Moya Estate: Remainder Vleeschbaai 251, MISGUNST-AAN-DE-GOURITZ 257/2 & KEEROM 264, Vleeschbaai, Mossel Bay Municipality, Eden District, Western Cape. prepared for Cape Environmental Assessment Practitioners, PO Box 2070, George, 6530, Tel: (044) 874 0365
- Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed Expansion of the Communal Waste Disposal Site on Erf 524, Uniondale, Eden, Western Province. prepared for Eden District Municipality C/o Aurecon South Africa (Pty) Ltd, PO Box 509, George, 6530, South Africa, 044 805 5432
- Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed Sedgfield College on Portions 14, 15 & 18 of Farm 187, Sedgfield, George, Eden, Western Cape Province. prepared for Ms. Cathy Avierinos, Hilland Associates Environmental Management Consultants PO Box 590, George, 6530, Tel: (044) 889 0229
- Nilssen, P.J. 2010. Heritage Statement to accompany HWC NID: Proposed upgrading of existing road between John Brown Street (extension 13) and Alhof Street (extension 8) on RE 2001, Kwanonqaba,

- Mossel Bay, Western Cape Province. prepared for Cape Environmental Assessment Practitioners, PO PO Box 2070, George, 6530, Tel: 044 874 0365
- Nilssen, P.J. 2010. Recommendation regarding an Archaeological Impact Assessment: Proposed Desalination Plant, Erven 4117 and 705, Plettenberg Bay, Bitou, Eden, Western Cape Province. prepared for Mr. Patrick Killick, Aurecon South Africa (Pty) Ltd. P.O. Box 509, GEORGE, 6530, Tel: (044) 805 5410
 - Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed Rezoning to Agricultural Zone II: Holt Hill 434/35, Plettenberg Bay, District Knysna, Western Cape Province. prepared for Mr. Dave Witherington, Garden Era Investments (Pty) Ltd, , PO Box 1956 Plettenberg Bay, 6600, tel: 044 - 532 7854
 - Nilssen, P.J. 2010. Heritage Statement to accompany HWC NID: Subdivision and rezoning from Private Open Space to Single Residential on ERF 15169 Ocean Ridge, Mossel Bay, Western Cape Province. prepared for Ms. Diana Mouton, HillLand Associates Environmental Management Consultants, PO Box 590, George, 6530, Tel: (044) 889 0229
 - Nilssen, P.J. 2010. Heritage Statement to accompany HWC NID: Proposed upgrading of existing road between John Brown Street (extension 13) and Alhof Street (extension 8) on RE 2001, Kwanonqaba, Mossel Bay, Western Cape Province. prepared for Cape Environmental Assessment Practitioners, PO PO Box 2070, George, 6530, Tel: 044 874 0365
 - Nilssen, P.J. 2010. Archaeological Impact Assessment: Refurbishment of the Aalwyndal – Bartelsfontein Municipal Water Pipeline, including Erf & Farm numbers 246/220; RE/221; 18/225; 7/225; 14/225; 40/225 & 18/226, Mossel Bay Municipality, Mossel Bay, Western Cape Province. prepared for MVD Raadgewende Ingenieurs (Suid-Kaap) (Edms.) Bpk. 34 Upper Cross Street, Mossel Bay
 - Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed cemetery extension on Portion 23/747 Wiesenhof Farm, Stellenbosch, Western Cape Province. prepared for Mr Alwyn van Rensburg, KDMC Projex, Tel: 082 8908905
 - Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed cemetery extension on Portion 11 of Erf 276, Altydgedacht Farm, Durbanville, Western Cape Province. prepared for Mr Alwyn van Rensburg, KDMC Projex, Tel: 082 8908905
 - Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed upgrade of Merweville Waste Water Treatment Works, Merweville, Beaufort West Municipality, Central Karoo. prepared for Mr. Patrick Killick, Aurecon South Africa (Pty) Ltd. P.O. Box 509, GEORGE, 6530
 - Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed affordable housing project on various Erven, Hornlee, Knysna, Eden, Western Province: AIA focused on Erven 2252 and 3339. prepared for Mr. Jonathan Kingwill, Bluepebble – independent environmental agency, Mobile: 082 7770705
 - Nilssen, P.J. 2010. Archaeological Monitoring report on phase 1 of demolition process Demolition of four structures: Founders Estate, Erf 4010, Knysna, Eden, Western Cape Province. prepared for Ms Cathy Avierinos, HillLand Associates Environmental Management Consultants, PO Box 590, George, 6530
 - Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed construction of a dwelling on Erf 167 Kleinbrak, Mossel Bay Municipality, Eden, Western Cape. prepared for Ms. Cathy Avierinos, HillLand Associates Environmental Management Consultants PO Box 590, George, 6530
 - Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed rezoning, subdivision and residential development: Erf 3122, Hartenbos, Mossel Bay, Western Cape Province. prepared for Mr Schalk Cilliers, ATKV-Hartenbos Strandoord, Tel: (044) 601 7200,
 - Nilssen, P.J. 2010. Scoping Heritage Impact Assessment - Heritage Statement: to accompany HWC NID: Proposed rezoning, subdivision and residential development: Erf 3122, Hartenbos Heuwels, Mossel Bay, Western Cape Province. prepared for Mr Schalk Cilliers (Executive Director), ATKV-Hartenbos Strandoord, Tel: (044) 601 7200
 - Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed refurbishment of the Ernest Robertson Pipeline, Great Brak River, Mossel Bay Municipality, Mossel Bay, Western Cape Province. prepared for MVD Raadgewende Ingenieurs (Suid-Kaap) (Edms.) Bpk. 34 Upper Cross Street, Mossel Bay
 - Nilssen, P.J. 2010. Archaeological Impact Assessment: Proposed Extension of Rand Street across Erven 464 & 325, Pacaltsdorp, George, Eden, Western Province. prepared for George Municipality C/o Aurecon South Africa (Pty) Ltd, PO Box 509, George, 6530, South Africa
 - Nilssen, P.J. 2010. Archaeological Impact Assessment with comment on Palaeontology by Dr John Almond: Proposed Enlargement and Remedial Work on Platrug Dam, Portion 40 of Farm 208, George, Eden, Western Province. prepared for Ms Cathy Avierinos, HillLand Associates Environmental Management Consultants, PO Box 590, George, 6530.
 - Nilssen, P.J. 2010. Comment on excavation of a well at Dias Museum, Mossel Bay, Western Province. Prepared for Heritage Western Cape.
 - Nilssen, P.J. 2010. Archaeological Impact Assessment with comment on Palaeontology by Dr John Almond: Proposed Moquini Beach Hotel, Erf 14796, Mossel Bay, Eden, Western Province. prepared for Cape Environmental Assessment Practitioners (Cape EAPrac)
 - Nilssen, P.J. 2010. Scoping Archaeological Impact Assessment with comment on the archaeology of the proposed site for a new substation: Proposed Beaufort West N1 Wind Energy Farm: 2/158 Lemoenkloof, RE 9/161 Kuilspoor, RE 162 Suid-lemoensfontein and RE 1/163 Bulskop, Beaufort West, Western Province. prepared for Cape Environmental Assessment Practitioners

2009 (13 reports)

- Nilssen, P.J. 2009. Archaeological Impact Assessment: Proposed Sand Mine on a portion of Bovenlange Valley 189, Sedgefield, District George, Western Cape Province. prepared for Alan Cave, Cave Klapwijk Associates, Tel: 012 3624654

- Nilssen, P.J. 2009. Archaeological Impact Assessment: S24G rectification of unauthorized construction of new gravel road and walls: Portions 12, 13, 15 and 16 of the Farm Kranzfontein 492, Still Bay, Western Cape Province. prepared for Adv. Altus Joubert, Private bag X32, Benmore, 2010, C/o Ms Berdene van der Merwe, PO Box 651, Stilbaai, 6674 cell: 072 359 6496
- Nilssen, P.J. 2009. Archaeological Impact Assessment: Sedgfield Water Supply Augmentation Scheme: Erf 3517, Galjoen Road, Erf 1634, Erf 2445, Bitou Street, Oestervanger Road, Melkhout Street, Erf 3859, Erf 3858 and Erf 3518, Sedgfield, Knysna Municipality, Western Cape Province. prepared for Knysna Municipality P.O. Box 21, Knysna, 6570, tel 044 302-6383, fax 044 382-0926, c/o Ms Melissa Mackay (Cape EAPRAC)
- Nilssen, P.J. 2009. Archaeological Impact Assessment: Proposed Sand Mine on a portion of Bovenlange Valley 189, Sedgfield, District George, Western Cape Province. prepared for Alan Cave, Cave Klapwijk Associates, Tel: 012 3624654
- Nilssen, P.J. 2009. Archaeological Excavations in Mitigation of the Series of Test Pits in Areas 1 to 5 of the Pinnacle Point Shell Midden Complex: Erf 15387 and a portion of Erf 2001, Farm Boplaas, Pinnacle Point, Mossel Bay, Western Cape Province. 2nd Progress Report Prepared For: Pinnacle Point Resorts (Pty) Ltd. James Hendricks - Cell 083 3091180 james@pinnaclepoint.co.za
- Nilssen, P.J. 2009. Exploratory archaeological investigations at PP7: to determine feasibility, strategy & scope for remedial mitigation and conservation. Erf 15387 and a portion of Erf 2001, Farm Boplaas, Pinnacle Point, Mossel Bay District, Western Cape Province. Final Report prepared For: Pinnacle Point Resorts (Pty) Ltd, James Hendricks - Cell 083 3091180 | james@pinnaclepoint.co.za
- Nilssen, P.J. 2009. Archaeological Impact Assessment: Upgrading and expansion of the Cape St Blaize Independent School on Erf 18985 (Portion of Remainder Erf 2001), Heiderand, District Mossel Bay, Western Cape Province. prepared for Curro Holdings (Pty) Ltd, Mr. Andries Greyling, 021 9791204, a.greyling@curro.co.za, 14 Church Street, Monaco Square, Durbanville, 7550, c/o Ms Francini Van Staden (Cape EAPRAC)
- Nilssen, P.J. 2009. Archaeological Impact Assessment: Asazani Zinyoka Bulk Water Pipeline Route, Mossel Bay Municipality, Mossel Bay, Western Cape Province. prepared for MVD Raadgewende Ingenieurs (Suid-Kaap) (Edms.) Bpk. – Mr Danie Wessels, 34 Upper Cross Street, Mossel Bay | P.O. Box 730, Mossel Bay, 6500. Tel: 044 691 2305/57| Fax: 044 691 3248| mvdmossbay@mweb.co.za. C/o Ms Sian Davies (Cape EAPRAC)
- Nilssen, P.J. 2009. Archaeological Impact Assessment: Proposed subdivision and development of Portion 12 of Paapekuil Fontein 281, Cape Agulhas, Overberg, Western Cape Province. prepared for GM Jeffery Trust, C/o Mr. Doug Jeffery, P.O. Box 44, Klapmuts, 7625, tel 021 8755272, doug@dougjeff.co.za
- Nilssen, Peter. 2009. Archaeological Impact Assessment. Proposed Construction of a Hotel on Gansevallei 444/38 (Plettenberg Bay), District Knysna, Western Cape Province. Prepared for Perception Environmental Planning, PO Box 9995, George, 6530, 1 082 568 4719
- Nilssen, Peter. 2009. Archaeological Heritage Impact Assessment. Remainder Portion 54 of the Farm Hooge Kraal 238, Magisterial District George, Western Cape Province: proposed development of a small, "Eco Friendly" and environmentally sustainable Health Spa. Prepared for Lekala Eco Tourism Management (Pty) Ltd, Ms Karen Waterson P.O. Box 2343, Brooklyn Square, 0075, 082 444-4538, karenw@lekalaeco.co.za
- Nilssen, Peter. 2009. Archaeological Impact Assessment with comment on Paleontology. Construction of Sewer Pipelines for Mossdustrya and Erf 6422, District Mossel Bay, Western Cape Province. Prepared for Mr. Alex Erens of PD Naidoo & Associates. 044 620 2655 | 082 469 7853 044 8714455 | Alexe@pdna.co.za
- Nilssen, Peter. 2009. Mitigation of Stone Age artefact scatter. Montagu Country Estate, Breede Rivier Winelands Municipality, Erf 4432 and Portion of Erf 1, Montagu. Doug Jeffery Environmental Consultants, PO Box 44, Klapmuts, 7625, Fax: 021 8755515

2008 (7 reports)

- Peter Nilssen & Anthony Manhire. 2008. The Proposed Development of Romansbaai on Portions 2, 17, 18 of Farm Klipfonteyn 711, Romansbaai, Gansbaai, Western Cape Province. Exploratory Investigation of Shell Middens to make Recommendations for Archaeological Mitigation. Prepared For: Danger Point Ecological Development Company (Pty) Ltd and Heritage Western Cape, (HWC permit No. 2008-07-01).
- Nilssen, P. J. 2008. Archaeological Heritage Impact Assessment. Two Portions of Erf 2861 and the Whole of Erf 6422, Mossel Bay, Magisterial District Eden, Western Cape Province: Proposed Asazani/Zinyoka Subsidised Housing Project. Prepared for Mr. Francois Theron of CSM Consulting Services (Pty) Ltd
- Nilssen, P.J. 2008. Archaeological Excavations in Mitigation of the Series of Test Pits in Areas 1 to 5 of the Pinnacle Point Shell Midden Complex. Erf 15387 and a portion of Erf 2001, Farm Boplaas, Pinnacle Point, Mossel Bay, Western Cape Province. Progress Report Prepared For: Heritage Western Cape
- Anthony Manhire & Peter Nilssen. 2008. Archaeological Heritage Impact Assessment. Erf 14205 (Portion of Erf 1) Oudtshoorn, Magisterial District Eden, Western Cape Province: proposed development of a Shopping Centre. For Chand Environmental Consultants, Ms. Melanie van Breda.
- Nilssen, P.J. 2008. Archaeological Heritage Impact Assessment. Remainder Portion 54 of the Farm Hooge Kraal 238, Magisterial District George, Western Cape Province: proposed development of a small, "Eco Friendly" and environmentally sustainable Health Spa. For Lekala Eco Tourism Management (Pty) Ltd, Ms Karen Waterson.
- Nilssen, P.J. 2008. Archaeological Heritage Impact Assessment. The Farm Dawn Dunes 136 Portion 33 and The Farm Rensburg Estate 137 Portion 1, District Mossel Bay, Western Cape Province: Proposed Residential Development. prepared for Mr. Henk Seegers c/o Mr. Wikus van der Walt, EcoBound Environmental.

- Nilssen, P.J. 2008. Erf 15387 and a portion of Erf 2001, Farm Boplaas, Pinnacle Point, Mossel Bay, Western Cape Province. Archaeological Excavations in Mitigation of the Series of Test Pits in Areas 1 to 5 of the Pinnacle Point Shell Midden Complex. Progress Report Prepared For: Heritage Western Cape.

2007 (15 reports)

- Peter Nilssen, Curtis Marean & Royden Yates. 2007. Archaeological Conservation Management Plan: Pinnacle Point Resort (Pty) Ltd, a portion of Remainder Erf 2001 and Erf 343, Pinnacle Point, Mossel Bay, Western Cape Province. Prepared For: Heritage Western Cape & Pinnacle Point Resorts (Pty) Ltd.
- Nilssen, P. J. 2007 Archaeological Impact Assessment for Site Plan Consulting and Lafarge SA: Extension of the Witfontein Quarry, Portion 2 Farm Malgaskraal 142 Rem, George, Western Cape Province
- Nilssen, P. J. 2007 Archaeological Impact Assessment for ProEarth and Mr G Oosthuizen. Proposed sand mining: Portion 114 of Farm ZwartterJongensFontein 489, Stilbaai, Distrik Riversda, Western Cape Province
- Nilssen, P. J. 2007 Archaeological Heritage Scoping Survey for Ecobound: Proposed residential development, Remainder portion7, Farm Eigensdomgrond 251, Pienaarstrand, George, Western Cape Province.
- Nilssen, P. J. 2007 Inspection and Archaeological Impact Assessment for Lamprecht Properties and SAHRA re Destruction of archaeological deposits, and further construction at 11 Diaz Road, Jeffreys Bay, Eastern Cape Province.
- Nilssen, P. J. 2007 Archaeological Heritage Scoping Survey for Stanvliet Diskresionere Trust & Pool Landgoed Trust: Proposed Joint Residential Development: Portion 4 en Restant of Farm 330/1, Herold's Bay, George, Western Cape Province.
- Peter Nilssen & Royden Yates. 2007. Archaeological Heritage Survey, Buffelsfontein 435, parts of Portions 2, 17 and 23, Albertinia, Hessequa Municipality, Western Cape Province.
- Nilssen, P. J. 2007. Archaeological Heritage Impact Assessment, High water and littoral dune zone east to south east of Portion 1 of the Farm Walkers Point 215, Magisterial District Knysna, Western Cape Province: Proposed dune protection via extension of existing retaining wall and addition of timber revetment. prepared for Eco-Route Environmental Consultancy cc, Dr. Colleen Ebersohn.
- Nilssen, P. J. 2007. Archaeological Heritage Scoping Survey. Proposed Residential Development on Portion 48 of the Farm Houtbosch 212, George, Western Cape Province. Prepared for Ms. Susanna Nel, Dirisana Environmental and Ecological Consultants.
- Nilssen, P. J. 2007. Archaeological Heritage Impact Assessment, Proposed Thembalethu Plaza and Nursery School, Thembalethu, George, Western Cape Province. prepared for Ms. Susanna Nel of Dirisana Environmental and Ecological Consultants.
- Nilssen, P. J. 2007. Archaeological Heritage Impact Assessment. Portion 102 of the Farm Uitzicht 216, Magisterial District Knysna, Western Cape Province: Second House on Property. prepared for Eco-Route Environmental Consultancy cc, Dr. Colleen Ebersohn.
- Nilssen, P. J. 2007. Site Visit and Inspection of Human Remains: Assessment and Recommendations. Portions of Erven 214, 243, 2248, 3432, 5042, 3522 and 3554 (Flenters, Robololo and Concordia West), Magisterial District Knysna, Western Cape Province: Subdivision and Designation of Land for Less Formal Residential Settlement. prepared for The Municipal Manager, Knysna.
- Nilssen, P. J. 2007. Archaeological Heritage Impact Assessment. Remainder Portion 3 of the Farm Boekenhout Fontein No. 297 and Remainder Portions 6 and 1 - of Portion 1 - of the Farm Assegai Bush No. 296: Establishment of Game Lodges and resorts to be incorporated into the greater Lalibela Nature Reserve, Eastern Cape. prepared for CEN Integrated Environmental Management Unit.
- Yates, R & Nilssen, P. 2007. Portion 37 of the Farm Uitkomst 23, Paternoster, Saldanha Bay Municipality, Western Cape Province. Sampling of shellfish residues from TH06, TH07, TH08, TH09 and TH15. Progress Report Prepared For: Heritage Western Cape.
- Peter Nilssen & Royden Yates. 2007. Portion 37 of the Farm Uitkomst 23, Paternoster, Saldanha Bay Municipality, Western Cape Province. Archaeological excavation in mitigation of the area around Test Pit 13, 5 & 16. Progress Report Prepared For: Heritage Western Cape.

2006 - 1998 (27 reports)

- Nilssen, P. J. 2006 Archaeological Heritage Impact Assessment. Proposed upgrading of road sections, and relocation of Intersection in the Uniondale area
- Nilssen, P. J. 2006 Archaeological Heritage Impact Assessment. Proposed Rezoning, Sub-Division and Development: Erf 1634, Sedgefield, Western Cape Province.
- Nilssen, P. J. 2006 Final Report for HWC & Pinnacle Point Resorts (Pty) Ltd. Permit no. 2006-01-003 Exploratory Investigations of Shell Middens, Erf 15387 & portion of Erf 2001, Farm Boplaas, Pinnacle Point, Mossel Bay, Western Cape Province.
- Nilssen, P. J. 2006 Progress Report for HWC Permit no 2006-02-004. Archaeological Excavation in Mitigation on Portion 37 Farm Uitkomst 23, Paternoster, Saldanha Bay Municipality, Western Cape Province.
- Nilssen, P. J. 2006 Progress Report for HWC Permit no 2006-03-002 on behalf of Eskom for monitoring carried out on Farm 320, Mossel Bay, Western Cape Province.
- Nilssen, P. J. 2006. Archaeological Heritage Scoping Survey: Proposed Cemetery, Portion 8, Erf 225, Mossel Bay Farms, Mossel Bay Municipal District, Western Cape Province.
- Nilssen, P. J. 2006. Archaeological Heritage Scoping Survey. Proposed Residential Development: Portion 48 of Farm Houtbosch 212, George, Western Cape Province.
- Nilssen, P.J. 2006. Archaeological Heritage Scoping Survey for Proposed Mining of gravel & fill sand: Remainder Farm Bloemendaalz Fonteyn 702 & 703, Malmesbury, Western Cape Province.

- Nilssen, P.J. 2005. Phase 2 – Mitigation of Archaeological Heritage Resources of SFL 14 in Zone 3 – St Francis Links – Golf Estate. Progress Report to SAHRA.
- Nilssen, P.J. 2005. Phase 2 – Mitigation of Archaeological Heritage Resources of Selected Sites in Zone 2 – St Francis Links – Golf Estate. Progress Report to SAHRA.
- Nilssen, P.J. 2005. Phase 2 – Mitigation of Archaeological Heritage Resources in Zone 1 – St Francis Links – Golf Estate. Progress Report to SAHRA.
- Nilssen, P.J. 2005. Archaeological Impact Assessment of proposed road in compartment C 19b of the Garcia Plantation, MTO Forestry (Pty) Ltd, Riversdale, Western Cape Province.
- Nilssen, P.J. 2005. Archaeological Monitoring of vegetation clearing and all earthmoving activities during development at Pinnacle Point, Mossel Bay. Progress report to HWC.
- Nilssen, P.J. 2005. Archaeological Heritage Impact Assessment of portion of remainder 249, Vyf-Brakkefontein 220, Kwanonqaba, Mossel Bay, Western Cape Province.
- Nilssen, P.J. 2005. Archaeological Heritage Impact Assessment of a portion of Vaalevalley 219, Mossel Bay, Western Cape Province.
- Nilssen, P.J. 2005. Archaeological Heritage Impact Assessment of remainder portion Vyf-Brakkefontein 220, Hartenbos Heuwels, Mossel Bay.
- Nilssen, P.J. 2004. Archaeological Heritage Impact Assessment of Erf 623 and access road, Gansbaai, South Western Cape.
- Nilssen, P.J. 2004. Archaeological Heritage Impact Assessment of erven 678, 679, 680 and 1251, Agulhas, South Western Cape.
- Nilssen, P.J. 2004. Heritage Impact Assessment of Remainder Erf 9343, Mossel Bay, Western Cape.
- Nilssen, P.J. 2003. Heritage Impact Assessment & Heritage Resources Management for construction of a private dwelling on Erf 157 Jongensfontein, Stilbaai, Western Cape.
- Nilssen, P.J. 2003. Heritage Impact Assessment of portion of Erf 464, George, Western Cape for proposed “Earls Court – Lifestyle Estate.
- Nilssen, P.J. 2003. Proposed St Francis Golf Estate – Mitigation of Heritage Resources – Proposal for Recommended mitigation. For SRK Consulting
- Nilssen, P.J. 2003. Heritage Impact Assessment at the Proposed Site for the St Francis Golf Estate. For SRK Consulting.
- Nilssen, P.J. & C.W. Marean. 2002 Archaeological Impact Assessment. a component of the Environmental Impact Assessment for the Pinnacle Point Casino (Pty) Ltd and Garden Route Casino Resort.
- Marean, Curtis W. & Nilssen, Peter J. 2002. The Mossel Bay Archaeology Project (MAP): Background and results from test excavations of Middle Stone Age Sites at Pinnacle Point, Mossel Bay. Report to SAHRA, Cape Town, South Africa.
- Nilssen, Peter. 1998. Phase 1 archaeological investigation of Mosselbaai Natuureservaat C.C., Elandsbaai. Report to the National Monuments Council, Cape Town, South Africa.
- Halkett, David and Nilssen, Peter 1998. Phase 1 archaeological investigation of Waterhof, Cape Town. Report to the National Monuments Council, Cape Town, South Africa.

Conference Proceedings:

Papers:

More recent contributions are not listed ...

- Curtis W. Marean, Peter Nilssen, Antonieta Jerardino and Deano Stynder 2002. Pinnacle Point at Mossel Bay, South Africa: Recent Field Investigations at a New Hominid and Middle Stone Age Locality. 16th Biennial Conference of the Society of Africanist Archaeologists, May 18th – 21st, Tucson, Arizona.
- C.W. Marean, Y. Abe, and P.J. Nilssen 2001. “The analysis of cut mark frequencies in zooarchaeology: a review and a new image-analysis GIS approach.” Delivered in the symposium titled “Paleolithic Zooarchaeology: Paleoenvironments, Methods, and Case Studies from Across the Globe.” 66th Annual Meeting of the Society for American Archaeology, New Orleans.
- Y. Abe, C.W. Marean, P. Nilssen, and E. Stone 2000. “Taphonomy and zooarchaeology of the Die Kelders Cave 1 Middle Stone Age large mammal remains.” Annual Meeting of the Paleoanthropology Society, Philadelphia, April 3-4.
- Parkington, J., Reeler, C., Nilssen, P. and Henshilwood, C. “Making sense of space at Dunefield Midden campsite, Western Cape, South Africa.” Paper in the Guide to Archaeological Sites in the South-western Cape: For the South African Association of Archaeologists Conference, Cape Town, 1992: 13-19. Compiled by: Andrew B. Smith and Belinda Mutti.
- Parkington, J., Nilssen, P., Vermeulen, C. and Henshilwood, C. “Domestic patterning in a shell midden.” Presented at the South African Association of Archaeologists Conference, Kimberley 1990.
- Reeler, C., Nilssen, P. and Parkington, J. “Patterns at Dunefield Midden.” Presented at the South African Association of Archaeologists Conference, Cape Town 1992.

Public Speaker:

Woman’s Agricultural Association (1993); Dias Museum – Mossel Bay (2000); South Cape Stereo (2000); Probus Club - Mossel Bay (2003); DEAT Heritage Day Mossel Bay (2003); Rotary International - Mossel

Bay (2003); SRK Consulting – Cape St Francis (2003); Ataquia House - KhoeSan Group, Workshop – Oudtshoorn (2004); Woman's Association, Mossel Bay (2005); Suid Kaap Stereo (2012 & 2013). Currently running educational tours to the archaeological cave sites at Pinnacle Point, Mossel Bay (2013 to present).

PROFESSIONAL EMPLOYMENT

<u>DATE</u>	<u>EMPLOYER</u>	<u>JOB DESCRIPTION</u>
1989 - 1994	Prof. J.E. Parkington, UCT	Research Assistant
1990 – 1992	Prof. J.E. Parkington, UCT	Tutor for excavations
1991	Dept. Archaeology, UCT	Tutor for first year course in archaeology
1992	Dept. Archaeology, UCT	Teaching Assistant for third year course in archaeology
1995 & 1996	Prof. A. Sillen, UCT	Research Assistant
1993 - 1999	Various scientists	Analysis of animal bones from archaeological sites
1991 - 1999	Archaeology Contracts Office (UCT)	Cultural Resource Management
1999 - 2004	Agency for CRM (J Kaplan)	Contracted researcher and Faunal Analyst
2000 - 2001	Prof. C.W. Marean, State University of New York, Stony Brook, USA	Specialist: Faunal Analysis
2003	Dr. C.S. Henshilwood, IZIKO	Blombos Cave, Blombos Faunal Analyst
2004 - 2006	Prof. Judith C. Sealy, UCT	Co-Founder, Co-Director & contracted researcher with the Mossel Bay Archaeology Project
2007 to present	Institute of Human Origins (IHO), Arizona State University, Tempe, USA	Specialist Archaeological Consultant
2013 to present	self employed	Co-founder and co-owner

MEMBERSHIP

The Association of South African Professional Archaeologists

CRM section of the Association of South African Professional Archaeologists

Steering Committee for the development of Archaeological & Palaeontological Tourism Route in the Western Cape.

Planning Committee for the development of the Point Discovery Centre in Mossel Bay, Western Cape.

CAREER OBJECTIVE

If human behaviour is responsible for the current status of society and the quality of life on earth, and if archaeology investigates the development of human behaviour, then our discipline should be central to understanding the present and to guiding the future of our species and life on earth. An abundance of scientific data shows that in the last few millennia humans have placed life under severe stress and are expediting the sixth extinction event. It seems obvious then that the thrust of current research should focus on securing our future. To this end I specialise in communicating prehistoric archaeology for education and conservation to create awareness of the drivers of human behaviour, our shared heritage, to inspire people to return to the original human design and to facilitate research into the potential and avenues for transforming human behaviour.

STÉFAN DE KOCK : CURRICULUM VITAE

Current Position	Founder, Principal, Perception Planning & Development CC		
Education	Urban Design, Architectural & Urban Conservation (cum laude): Courses (University of Cape Town) Environmental Impact Assessment Management: Post-Graduate Diploma (University College Dublin)(NQF 8) Urban & Regional Planning: Honours (Cape Peninsula University of Technology)(NQF 7)		
Professional Memberships and Positions	South African Council for Planners	Professional Planner (No. 1599)	2012 – Present
	South African Planning Institute	Corporate Member	2014
	Association of Professional Heritage Practitioners	Accredited Member (No. 17)	2006 – Present
	Irish Planning Institute	Corporate Member	2002 – 2005
	Heritage Western Cape (HWC)	Council Member	2019 – 2021
	HWC Inventories, Grading Interpretation Committee	Member	2013 – 2021
	International Council for Monuments and Sites	Executive Committee	2015 – 2016
	Association of Professional Heritage Practitioners	Executive Committee	2011 – 2014, 2017 – 2019
	International Association for Impact Assessment	Member	2006 – 2013
Languages	English (Fluent), Afrikaans (Fluent)		
Contact details	📍 Cape Town, Western Cape, South Africa	☎ +27 82 568 4719	✉ sedekock@gmail.com
	Perception Planning website: https://www.behance.net/perceptionplanningSA		📄 sedekock



STÉFAN DE KOCK is currently Principal of Perception Planning, a niche consultancy firm focused on providing creative and innovative land use management and design solutions within the professional fields of Urban & Regional Planning, Environmental Planning, Conservation Planning and Impact Assessment. He has proven experience in land use, spatial, and conservation planning with exposure to both private and public sector environments. Prior to establishing an independent practice, he gained local (South African) and international (Republic of Ireland, Mauritius) experience in both public and private sectors with the facilitation and implementation of various high- and medium density urban residential projects, urban conservation, projects, renewable energy developments as well as eco-orientated, rural- and agricultural related projects.

He has strong leadership, strategic planning, project management, budgeting and coordination skills having led numerous multi-disciplinary project teams through development application processes. Particularly within this context he has strong relationship building skills and ability to work effectively within diverse teams of specialists across multiple sectors, including ability to find positive solutions to issues with a diverse group of public and private sector stakeholders. He served as shareholder, advisor and negotiator to a Cape Town based property investment consortium.

Stéfán has advanced communication and analytical skills as well as proven ability to present complex information in clear, focused, and intelligible manner. He has considerable experience doing due diligence studies, managing optimal use studies, site feasibility assessments and managing statutory approval processes. He has well-developed research and analytical skills with the ability to evaluate and synthesize highly complex information and technical data into simple, legible formats. He has the ability to visually represent plausible land use/development concepts and arguments clearly, attractively, and succinctly and has solid computer skills, including MS Office Suite and more graphic-focused platforms, including, *inter alia*, CorelDraw, GoogleEarthPro.

Stéfán is a creative, resourceful, positive, resilient, open-minded, adaptable, diligent and conscientious person able to manage multiple priorities and to work in complex environment of evolving organization, while maintaining client/stakeholder objectives. During 2019 he was appointed to the Heritage Western Cape Council by the Western Cape Minister of Cultural Affairs and Sport on the strength of his specialist planning skills and experience.

Employment History

Professional Mentorship	George Municipality (Professional Mentor to 7 Candidate Planners)	Jun 2018 – Present
Provincial Government	Western Cape Government, South Africa (contractual basis)	Jun 2005 – Mar 2006
Consulting	Perception Planning (Director/ Principal)	Feb 2004 – Present
International/ National	An Bord Pleanála (Irish National Planning Appeals Board), Rep. of Ireland	Sept 2001 – Jan 2004
Local authorities	Eden District, George Municipality, Mossel Bay Municipality, South Africa	Jan 1997 – Aug 2001
Total Professional Experience		23 yrs 7 months

1.) RECORD OF EXPERIENCE: SELECTED PROJECTS

1.1) Urban & Regional Planning

Commercial, recreational, residential development, Piesang Valley, Plettenberg Bay	Private client	2019-2020
Appointed to panel of professional service providers (3 years): Spatial & Land Use Planning	Mossel Bay Mun	2018-2021
Hartenbos River Basin Precinct Plan (research, detailed analysis, mapping and development of spatial proposals as draft planning policy document)	Mossel Bay Mun	2017
George Strategic Settlement Restructuring Strategy	DEA & DP	2015
Redevelopment of McCain's industrial site, George	McCain's	2014-2016
Social housing: Pacaltsdorp East, George (1900 units, mixed land use)	DHS ¹	2014
Conceptual layout social housing project: Thembaletu, George (1850 units, mixed land use)	DHS	2014
Urban Spatial Development Framework for Rondebosch Main Road and detailed urban design proposals for Baxter Theatre Precinct, Cape Town	University of CT	2014

¹ Western Cape Government Department of Human Settlements

Various social housing infill projects: Happy Valley (90 units), Edameni (25 units), Ethembeni (180 units), Hlalani (273 units), Knysna	DHS	2013
Social housing: Golden Valley, Blanco (165 units)	DHS	2013
Social housing: Metro Grounds, George (450 units)	DHS	2013
Social housing: N2 site Thembaletu, George (170 units)	DHS	2012
Part of multi-disciplinary team compiling Oudtshoorn Spatial Development Framework	Oudtshoorn Mun	2012-2014
Local Structure Plan for Herold's Bay and Environs, George	George Mun	2006-2007
Planning Investigations/ Due diligence studies (+60 cases)	Private clients	2004-2020
Planning Appeals: Investigation, reporting, formulating of recommendations on appeals arising from decisions made by planning authorities. Projects typically included High- and medium density urban residential, Urban conservation (Re-use, refurbishment of protected structures), Land-based wind turbine farms, Retail projects (various types), Commercial warehousing, Communication- and infrastructure and Rural- and agricultural projects. Many of these cases involved Heritage and Environmental Impact Assessments undertaken in terms of requirements outlined in relevant EU legislation) (+190 cases)	An Bord Pleanala	2001-2004
Spatial proposals for "Santos" and "De Bakke" coastal landscapes, Mossel Bay	Mossel Bay Mun	1998
Land Use Planning applications including medical, commercial, industrial, human settlement, tourism, agricultural, renewable energy and environmental-related projects (+350 applications)	Various clients	1997-2020
Served on steering committees during compilation of the following spatial planning documents: Wilderness Heights and Hoekwil Structure Plans, Outeniqua and Mossel Bay SDF's, Knysna Western Head & Environs LSP, Great Brak River and Sedgefield Urban Structure Plans	Garden Route District Mun	1997-2001
Evaluation of development applications and proposals, guidance to public, preparation and presentation of reports to relevant councils, processing appeals, conduct site visits and surveys, liaison with various departments and stakeholders	Garden Route District Mun	1997-2001
Development Framework and policy guidelines for "The Point" coastal landscape, Mossel Bay	Mossel Bay Mun	1997

1.2) Environmental Planning

Trogon house and Forest spa nature reserve, Crag, Plettenberg Bay	Private client	2019
Overberg Coastal Access Audit and Pilot Study (Overberg)	DEA & DP	2018
Technical delineation of the Coastal Management Line; EIA Development Setback Line and Audit of Coastal Access in the Eden District Municipality (Royal HaskoningDHV)	DEA & DP	2018
Coralline Enclave Eco-residential Precinct, Bay du Tamarin, Mauritius	Private client	2018
Kraibosch Eco-estate, George	Private client	2017
Western Cape Estuary Framework and Implementation Strategy, Estuary Management Plans and Mouth Management Plans (Royal HaskoningDHV)	DEA & DP ²	2016-2018
Coastal Protection Overlay Zone Bylaw (Royal HaskoningDHV)	City of Cape Town	2016
Coastal Access Model Regulations	DEA & DP	2016
Private coastal nature reserve, Keurboomstrand, Plettenberg Bay	Private client	2015
Les Naturelles Private Nature Reserve, Great Brak River	Private client	2008
Touwsrante Cemetery, Wilderness Heights	George Mun	2008
Site analysis, design for eco-orientated development, Fish River Sun, Eastern Cape	CNdV Africa	2006
Rural eco-village, Buffelsfontein, Pacaltsdorp, George	Private client	2005
Coastal eco-orientated guesthouse, Kraibosch, Victoria Bay, George	Private client	2005

1.3) Renewable Energy

Wind Energy Facilities (land-based) together with ancillary buildings and infrastructure within County Wicklow, Republic of Ireland (2 projects)	ABP Nos. 27.200319, 27.130834	2002-2003
Wind Energy Facilities (land-based) together with associated engineering services and infrastructure across the Western Cape, Eastern Cape Provinces (6 projects)	Private clients	2010-2019
Solar Energy (Photovoltaic) Energy Facilities together with associated engineering services and infrastructure across the Western Cape, North Cape Provinces (26 projects)	Private clients	2011-2019

1.4) Conservation Planning

Appointed as professional service provider for Garden Route and Karoo Regions, Western Cape (4 years): Conservation Planning	DTPW	2019-2023
Various cultural landscape and built environment analysis, mapping and assessment projects within various landscape contexts (+300 projects)	Various clients	2004-2020
Developing, promoting and presentation of course material regarding heritage-related legislation, policies and processes to conservation bodies, planning authorities and other stakeholders	Various	2004-2020
Negotiating and mediating, as part of professional project teams (often with conflicting agendas), design approaches and solutions within conservation narrative for numerous development projects within urban and rural landscape settings with attention to archaeology, palaeontology, aesthetic, historic, socio-historic, tangible/ intangible heritage and built environment contexts (+300 projects)	Various clients	2004-2020
Infrastructure projects (various scales and contexts) across Western Cape Province (+30 projects)	Various clients	2004-2020
Redevelopment of the Tygerberg Hospital Estate, Erven 15350 & 14298, Parow. Included comprehensive multi-disciplinary Heritage Impact Assessment and detailed architectural and landscape assessments	WCG DTPW ³	2017-2018
Compile design proposal for redevelopment of former church site as part of a new mosque and commercial centre situated in Victoria Street, George.	Private Client	2017
Tourism venue, accommodation on historic Klipfontein 168/16, Tulbagh. Detailed heritage assessment pertaining to Provincial Heritage Site.	Private Client	2017
Rural cultural landscape analysis, assessment, Bonniedale, Western Cape	Private client	2017
Green Point Common Urban Cultural Landscape: Nomination as Provincial Heritage Site	Private client	2017
Conceptual design framework and subdivision layout for sensitive densification and extension of		

² Western Cape Government Department of Environmental Affairs and Development Planning

³ Western Cape Government Department of Transport and Public Works

historic rural settlement, Spieskamp, Oudtshoorn. Work informed through detailed heritage assessment and inputs from multi-disciplinary project team.	DRDLR	2016
Develop conceptual design framework for historic Kirstenbosch settlement through spatial planning strategies and proposals aimed at achieving appropriate forms of densification.	University of Cape Town	2015
Repurposing of historic Fairview homestead, George	Private client	2013
Redevelopment of historic Kraaibosch Sawmill Precinct	Private client	2012-2013
Heritage management framework for "The Point" coastal landscape, Mossel Bay	Mossel Bay Mun	2012-2013
Spatial and architectural design proposals for multi-layered historic precinct situated at upper end of York Street, George.	Private Client	2011
Covie Land Restitution Project, Plettenberg Bay	DRDLR ⁴	2010
Matjiesfontein Residential Land Restitution Project, Laingsburg	Laingsburg Mun	2010-2011
Agulhas Lighthouse Precinct, Southernmost point of Africa, Bredasdorp	SA National Parks	2010
Detailed research, field work and development framework as part of heritage assessment for Tarka historic settlement, Mossel Bay so as to provide spatial development indicators in lieu of future development of the settlement as part of land reform project	DRDLR	2009-2010
Heritage survey of George Central Business District as part of George Mobility Study (multi-disciplinary public transport infrastructure planning project)	DTPW	2007-2008
Conceptual planning framework for William Porter Reformatory School, (160ha of land adjacent to the Buitenverwachting, Steenberg and Constantia Uitzicht wine estates), Cape Town	Private consortium	1997
Conceptual design framework for redevelopment of Little Brak River Station, Mossel Bay	Private Client	1996

1.5) Academic

External examiner: Master of Landscape Architecture	University of CT	2019-2020
Critical analysis of spatial planning article "Rethinking Spatial Planning", Todes (2008)	University of CT	2019
Paper analysing proposal for development of 65 acre site comprising environmental education, rural development as well as a health- and retreat centre at Bally Bay, County Monaghan, Republic of Ireland	University College Dublin, Ireland	2002
Critical review of previous Environmental Impact Statements and development of generic scoping guidelines for holiday housing along the Irish coastline on behalf of the University College of Dublin	University College Dublin, Ireland	2002
Planning Summer School, Wales, United Kingdom (auspices of Royal Town Planning Institute)	Bangor University	2002
Implementation of "Street Body Corporate" concept within South African context (Deliverables included report and 3D scale models)	Foundation of Research	1996
Enrolled in MSc Urban and Rural Planning with Leeds Beckett University, United Kingdom	Leeds Beckett University	2021-2023

2.) REFERENCES

<p>Kobus Munro Director: Development Management Dept Environmental Affairs & Development Planning (WCG) Private Bag X9086 Cape Town, 8000 Tel: +27 (0)21- 483 4360 Mobile: +27 (0)84 264 5903 E: kobus.munro@westerncape.gov.za</p>	<p>Dr Antonia Malan Former Chairperson: Executive Committee Heritage Western Cape Cape Town, 8000, Western Cape, South Africa Tel: +27- (0)21-433 0567 Mobile: +27-83 797 5672 E: antonia.malan@gmail.com</p>
<p>Mr. Japie van Eeden Director Advisory Group Water Western Cape Royal HaskoningDHV (Pty) Ltd PO Box 5195 Cape Town, 7536, Western Cape, South Africa Mobile: +27 (0)8 24189003 E: japie.vaneeden@rhdhv.com</p>	<p>Tania de Waal Chief Town & Regional Planner Department of Environmental Affairs & Development Planning (WCG) Private Bag X9086 Cape Town, 8000 Tel: +27 (0)21- 483 4360 Mobile: +27 (0)83 698 7800 E: tania.dewaal@westerncape.gov.za</p>
<p>Ms. Gael Gibson Associate Director: Town Planning Jacobs Ireland St. Johns House, High St, Tallaght, Dublin, Republic of Ireland Mobile: +353 87 741 3313 E-mail: gibson_g@icloud.com</p>	<p>Mr. Ben Cranwell (retired) Director of Planning, An Bord Pleanála Ramleh, Ballycorus Road, Kiltiernan, Dublin 18, Republic of Ireland Tel: +353-1-2958754 Mobile: +353-1- 871441847 E-mail: bscranwell@yahoo.co.nz</p>
<p>Ms. Lindelwa Mabuntane Director: Special Projects Department of Transport & Public Works (WCG) 4th Floor, 9 Dorp Street, Cape Town, South Africa Tel: +27-21-483 5436 Email: Lindelwa.Mabuntane@westerncape.gov.za</p>	

⁴ National Department of Rural Development and Land Reform

Louise-Mari van Zyl

2019



17 Progress Street, George
PO Box 2070, George, 6530
Tel- 044 8740365
Cell – 071 603 4132
Fax – 044 875 0432
louise@cape-eaprac.co.za
www.cape-eaprac.co.za

EDUCATION

University of Stellenbosch

Masters: Geography & Environmental Studies
2006

BA Honours: Geography & Environmental Studies with GIS
2001

BA Geography & Environmental Studies
2000

PROFESSIONAL REGISTRATION

Registered Environmental Assessment Practitioner (EAP) with the
Environmental Assessment Practitioners Association of South Africa
(EAPASA) – Reg. No: 2019/1444

PROFESSIONAL SOCIETIES

Member of International Association of Impact Assessments South
Africa (IAIASa)

WORK EXPERIENCE

Managing Director | Cape EAPrac, George
2008 – Present

Senior Environmental Consultant & Public Participation Facilitator |
Doug Jeffery Environmental Consultants, Paarl
2007 - 2008

Senior Environmental Consultant & Public Participation Facilitator |
HillLand Associates, George
2002 – 2007

CORE COMPETENCIES

Practicing as an EAP since 2002 I have gained experience with a variety of projects working in the **Eastern Cape, Western Cape, Kwazulu Natal, Gauteng and Northern Cape Provinces.**

My work requires of me to be acquainted with relevant local and international conservation / environmental management policies and legislation, least of which are the National Environmental Management Act, National Environmental Management Waste Act, National Environmental Management Air Quality Act, National Environmental Management Biodiversity Act, Integrated Coastal Management Act, Protected Areas Act, Outeniqua Sensitive Coastal Areas Regulations, the 2014 Environmental Regulations, National Water Act, National Heritage Resources Act and numerous conservation related regulations and guidelines that form the basis of environmental management.

In addition to being the senior EAP on various applications, I am also responsible for overseeing applications handled by all of *Cape EAPrac's* staff, as well as the review of reports prior to submission for consideration by the competent authorities.

Liaison with specialists and Clients form a large component of my daily responsibilities in the form of project management to ensure quality and time/cost management.

It is my responsibility to ensure training and orientation of all incoming staff at *Cape EAPrac.*

PROFFESIONAL PORTFOLIO

ENVIRONMENTAL IMPACT ASSESSMENT, BASIC ASSESSMENT & EMP'S

- **Infrastructure:** Overhead transmission lines with associated substations (standalone or associated with renewable energy projects), construction and expansion of roads, flood damage road rehabilitation, stormwater retention facilities, sewage works, potable water supply networks.
- **Human Settlements:** Facilitate various scale residential developments with associated infrastructure. Environmental expert on the Eden PRT project team from 2012 (ongoing) facilitating various scale subsidised housing projects (upgrades and green fields) for Knysna Municipality, Oudtshoorn Municipality, George Municipality and Mossel Bay Municipality.
- **Renewable Energy:** Facilitating various applications for Wind Farms, Solar Farms, Biogas Waste-to-Energy and Composting applications.
- **Agricultural:** Applications for the construction and expansion of abattoirs of various scales, feedlots, piggeries and orchard establishments.
- **Integrated environmental management:** Environmental management and maintenance plans, environmental monitoring & control functions, environmental auditing.

WASTE MANAGEMENT LICENCES

- **Waste Management Licenses:** Facilitating applications for feedlots, dairy's, waste water discharge for the handling/treatment and disposal;
- **Applications for** composting and anaerobic biogas waste-to-energy projects with organic material at dairies, feedlots, abattoirs and fruit juice factories.

WATER RELATED

- **Desalination:** Application for 1.5Mgl beach intake desalination plant for Knysna Municipality and 300kl reverse osmosis desalination plant at Witsand. Including impact assessment, construction monitoring as well as operational and maintenance control functions since installation.
- **Dams:** Various applications for the construction of new storage dams and reservoirs for Municipal water supply and agricultural irrigation practices.
- **Water supply and storage infrastructure:** Installation of gabions, pipelines and reservoirs for water storage.

AIR EMISSION LICENSES

- **Air Emission Licenses:** Facilitating applications for sawmills, wood drying facilities, tanneries, brick manufacturing (clamp & vertical shaft kilns), asphalt manufacturing (macadam processes), rendering plants, coal dust fallout management, bitumen emulsion, creosote processes, as well as renewal of existing licenses and conversion of old APPA permits..

SECTION 24G RECTIFICATION APPLICATIONS

- **S24G processes:** Facilitating rectification assessment processes for listed activities that commenced unlawfully ito NEMA, NEMWA and NEMAQA (ranging from roads, storm water infrastructure, vegetation clearing, construction activities, air emission generation activities, waste management activities, wetland/riparian disturbances, dams).

ACADEMIA

- **Part-time lecturer** at the Nelson Mandela University (George Campus) teaching Environmental Management at first year level since 2019.

OTHER

- **Coastal Discharge permits:** Applications for various existing commercial factories in the Mossel Bay Harbour and Witsand Desalination Plan ito the Integrated Coastal Management Act (ICMA) for discharge of their effluent.
- **Environmental Control & Management:** (ECO) Management of construction activities to ensure compliance with environmental approvals and environmental management plans.
- **Rehabilitation:** Rehabilitation plans for disturbed areas and rivers/riparian areas.
- **Norms & Standards:** Assisting the South African National Biogas Industry Association (SABIA) and GIZ with the development of the **Norms & Standards for Organic Waste** in South Africa; as well as
- Assistance to the **National Red Meat & Abattoir Association (RMAA)** with formulating Norms & Standards for Red Meat Abattoir waste, focusing specifically on anaerobic digestion through biogas, composting, alkaline hydrolysis and micro-rendering.
- **Environmental awareness & training:** Induction of contractor teams and labourers associated with alien clearing projects, rehabilitation projects, construction projects, as well as school groups for site inspection and environmental awareness outings.