

CONTACT DETAILS

Name of Company	CES – Environmental and Social Advisory Services
Designation	Principal Environmental Consultant
Years with firm	Starting October 2022
E-mail	Luc.strydom@cesnet.co.za
Office number	+27 (0) 43 726-7809 (Provisionally)
Mobile	+27 (0) 83 515 4702
Nationality	South African
Professional Affiliations	<ul style="list-style-type: none">➤ EAPASA: Environmental Assessment Practitioners Association of South Africa (2020/1504)➤ SACNASP: South African Council for Natural Scientific Professions (Cert.Sci.Nat 120385)➤ SAWS: South African Wetland Society➤ BotSoc: Botanical Society of South Africa➤ IAIAAsa: International Association of Impact Assessment➤ CREW: Custodians of Rare and Endangered Wildflowers programme (SANBI)
Key areas of expertise	<ul style="list-style-type: none">➤ Environmental Impact Assessments (EIA, BA, ESIA)➤ Freshwater Impact Assessments➤ Terrestrial Biodiversity Impact Assessments➤ Botanical Surveys➤ Invasive alien species monitoring control and eradication plans➤ Rehabilitation plans➤ Environmental Management Plans (EMP)➤ Water Use Authorisations (WUA)➤ Environmental auditing (ECO)➤ GIS systems➤ Water Quality Monitoring➤ Soil Sampling

PROFILE

Mr Luc Strydom

Luc has over 13 Years of experience and has developed his skills and expertise over the years as he has been involved in a wide spectrum of projects and activities ranging from general environmental assessment work such as Basic Assessments, Full Scoping and EIA reports, ESIA's and EMP's, environmental permitting (WULAs, trans-relocation permits, waste permits), geo-hydrological sampling, auditing (ECO & Performance Assessments) as well as specialist studies including freshwater impact assessments (wetlands and river assessments), terrestrial biodiversity assessments, vegetation impact assessments, botanical surveys, and related management plans (invasive alien species management plans, biodiversity management plans, rehabilitation plans).

**EMPLOYMENT
EXPERIENCE**

Environmental Consultant – Coastal and Environmental Services (Gqeberha)

October 2022 – present

- Consulting, project management and conducting assessments in the broad field of Environmental Management, including Basic Assessments, full Scoping and Environmental Impact Assessments, Environmental Management Programmes and Environmental Auditing.
- Ecological Impact Assessments
- GIS Mapping

Senior Environmental Scientist – SRK Consulting (Gqeberha)

July 2014 – August 2022

- Consulting, project management and conducting assessments in the broad field of Environmental Management, including Basic Assessments, full Scoping and Environmental Impact Assessments, Environmental Management Programmes and Environmental Auditing.
- Ecological Impact Assessments
- GIS Mapping
- Database Management

GIS Technician – Settlement Planning Services (SetPlan)(Gqeberha)

November 2009 – June 2014

- Map production,
- Data capturing, data manipulation and data acquisition; and
- Database management

**ACADEMIC
QUALIFICATIONS**

- 2015 - BA Environmental Management (University of South Africa)

COURSES

- 2020 - Tools for Wetland Assessment (Rhodes University, in association with GroundTruth, The Water Research Commission and Verdant Environmental) *August 2020*
- 2019 - Wetland and Aquatic plant Identification (Carin van Ginkel- Crispis Environmental)
- 2017 – VEGRAI: Riparian Vegetation Response Assessment Index (Dr Brian Colloty)
- 2018 – Identification of Protected Trees in the South-Eastern Cape Province (Dr B. Adriaan Grobler)

**PROFESSIONAL
EXPERIENCE**

BASIC ASSESSMENTS

Kouga Cemeteries EIA, Kouga Local Municipality, Eastern Cape, 2019-2020

Basic Assessment for the construction of new cemeteries as well as the expansion of one existing cemetery within the Kouga Municipal area.. Assigned the role of co-author of the Basic Assessment Report .

Matanzima Cemetery Expansion, KwaNobuhle, Kariega, Eastern Cape, 2019–2020

Basic Assessment for the expansion of the Matanzima Cemetery, Kwanobuhle, NMBM. Assigned the role of project manager and author of the Basic Assessment Report.

Department of Transport: Traffic Control Centres, Eastern Cape Province, 2016

Three separate Basic Assessment Reports for the development of proposed Traffic Control Centres along the N2 (Van Stadens), N9 (Middleburg) and the N6 (Queenstown). Assigned the role of co-author of the Basic Assessment Reports.

Mount Frere Filling Station, Umzimvubu Municipality, Eastern Cape Province, 2015-2017

Basic Assessment for the development of a fuel service station and associated infrastructure. Assigned the role of co-author of the Basic Assessment Report.

Bulk Stormwater Infrastructure, Chatty, Gqeberha, Eastern Cape Province 2015-2017

Basic Assessment for the development of bulk stormwater infrastructure for the upper Chatty area, in the Nelson Mandela Bay Metropolitan. Assigned the roles of co-author of the Basic Assessment Report.

Bulk Water Supply, Seaview, Gqeberha, Eastern Cape Province 2015-2017

Basic Assessment for the proposed augmentation of the Seaview and Greenbushes bulk water supply systems. Assigned the role of co-author of the Basic Assessment Report.

132kV Powerline, Walmer, Gqeberha, Eastern Cape Province, 2015-2017

Basic Assessment report for the 132kV Lorraine to Walmer powerline in Gqeberha, Nelson Mandela Bay Municipality. Assigned the roles of project of co- author of the Basic Assessment Report.

Leopard Trail Hiking Huts, Baviaanskloof, Baviaans Municipality, 2015-2016

Basic Assessment for the development of wooden hiker's huts, and associated infrastructure, for the Leopard Hiking Trail in the Baviaanskloof World Heritage Site. Assigned the roles of co-author of the Basic Assessment Report.

Fuel Service Station, Kenton-on-Sea, Eastern Cape Province, 2015

Basic Assessment for the development of a fuel service station and associated shopping facility. Assigned the roles of co-author of the Basic Assessment Report.

Langbos Bulk Water and Sewer Pipelines, 2019–2020

Basic Assessment of the development of bulk water and sewer pipeline infrastructure for Langbos settlement, in Addo, Eastern Cape Province. Assigned the roles of co-author of the Basic Assessment Report.

FULL SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENTS

BUA Sokoto Cement Plant ESIA, 2021-2022

Environmental and Social Impact Assessment (ESIA) for proposed expansion and new production line for BUA Cement Company Sokoto, Nigeria. Assigned the role of project consultant, liaison with client and in-country specialists; conducting site visits; co-author of reports, and GIS.

PET Polymer Plant, Coega EDZ, Nelson Mandela Bay Municipality, Eastern Cape Province, 2020-2021

Full Scoping and EIA for the proposed construction of new PET polymer Plant within the Coega SEZ, Nelson Mandela Bay. Assigned the roles of project manager, PPP manager and lead author of the Scoping Report and Environmental Impact Assessment Report.

ENVIRONMENTAL MANAGEMENT PLANS

O.R. Tambo District Municipality EMP Revision, 2020-2022

Compilation of Status Quo Report, review, and revision of EMP, and associated GIS work. Assigned the roles of project manager and lead author of the Status Quo Report and Revised EMP.

ENVIRONMENTAL AMENDMENT APPLICATIONS

St Francis Links EA Amendments, 2021-2022

Amendment of Environmental Authorisation for the rezoning of a portion of the property and amendment of construction timeframes. Assigned the roles of project manager, client liaison, Terrestrial Ecologist, and lead author of the Amendment Report.

Alien Invasive Species Management Plan for Mulilo Total Coega Gas Fired Power Plant, 2022

Alien Invasive Species Management Plan for the Mulilo Total Coega Gas-Fired Power Plant development and construction. Assigned the roles of Terrestrial Ecologist, and lead author of the management plan.

Revegetation, Maintenance and Habitat Rehabilitation Plan for Mulilo Total Coega Gas Fired Power Plant, 2022

Alien Invasive Species Management Plan for the Mulilo Total Coega Gas-Fired Power Plant development and construction. Assigned the roles of Terrestrial Ecologist, and lead author of the management plan.

N2 Section 11 Borrow Pit Rehabilitation and Monitoring Plan, 2018

Rehabilitation and monitoring plan for spoiling activities within Borrow Pit 1 along the N2 Section 11. Assigned the roles of co-author of the management plan.

Transnet Engineering: Threatened or Protected Species and Invasive Alien Species Management, 2018

Biodiversity Management Plans for each of the 7 regions; an Invasive Alien Species Control Framework Plan; and Invasive Alien Species Control, Monitoring and Eradication Plans for each of the 7 regions. Assigned the roles of Terrestrial Ecologist, and lead author of the management plans.

ENVIRONMENTAL AUDITING

Engen 1-Stop Filling Station, Baywest Mall, Gqeberha, Eastern Cape Province 2020–2021

Environmental auditing of the construction of the infrastructure for the Engen 1-Stop Filling Station at Baywest Mall, Gqeberha. Assigned the roles of project manager and reviewer of audit reports.

NMBM Drought Relief ECO – Borehole Equipping, Nelson Mandela Bay Municipality, 2019

Environmental Auditing for borehole equipping infrastructure. Assigned the roles of lead ECO.

Jachtlakte Precinct Sustainable Housing Plan: HS5B (Civil Service Infrastructure), Nelson Mandela Bay Municipality, 2017–2019

Environmental Auditing for the construction of the civil service infrastructure for Jachtlakte Housing Plan HS5B construction. Assigned the role of lead ECO.

Malabar Extension 6 Phase 2 Housing, Nelson Mandela Bay Municipality, 2017–2019

Environmental Auditing for the construction of the civil service infrastructure for Malabar Extension 6 Phase Housing construction. Assigned the role of lead ECO.

Sans Souci to Nivens Drift 132kV Powerline, Nelson Mandela Bay Municipality, Eastern Cape Province, 2016-2019

Environmental Auditing for the construction of a 132kV powerline between Sans Souci and Nivens Drift substations in Kariega, Eastern Cape. Assigned the role of lead ECO.

Walmer, Erf 1948 Temporary Relocation Area (TRA), Nelson Mandela Bay Municipality, Eastern Cape Province, 2016-2018

Environmental Auditing for the construction of internal services and clearing activities for the Temporary Relocation Area (TRA) on Erf 1948, Walmer, Gqeberha, Eastern Cape. Assigned the role of lead ECO.

Kelvin Jones WWTW Upgrade, Nelson Mandela Bay Municipality, Eastern Cape Province, 2016-2018

Environmental Auditing for the construction of various infrastructure and electrical upgrades at the Kelvin Jones WWTW in Kariega., Eastern Cape. Assigned the role of lead ECO.

Qaqawuli Civil Service Infrastructure, Nelson Mandela Bay Municipality, Eastern Cape Province, 2016-2018

Environmental Auditing for the construction of various infrastructure at Qaqawuli in Nelson Mandela Bay, Eastern Cape. Assigned the role of lead ECO.

Kabah Langa Phase 6 Civil Service Infrastructure, Nelson Mandela Bay Municipality, Eastern Cape Province, 2016-2018

Environmental Auditing for the construction of various infrastructure at Kabah Langa Low-Cost Housing Phase 6, in Nelson Mandela Bay. Assigned the role of lead ECO.

Chatty Bulk Stormwater Infrastructure, Nelson Mandela Bay Municipality, Eastern Cape Province, 2016-2017

Compilation and submission of Water Use License Application (WULA) for the construction of bulk stormwater infrastructure in Chatty, Gqeberha, Nelson Mandela Bay. Assigned the roles of Wetland Ecologist and co-author of the WULA.

Upgrade of Provincial Road DR08376: from the R61 at St. Marks to Sabalele Village, Eastern Cape Province, 2015-2018

Environmental Auditing for the upgrade of District Road DR08376 between St Marks and Sabalele Village in the Eastern Cape as well as a DMR Performance Appraisal for the quarry. Assigned the role of lead ECO.

Chatty Link Road ECO, Nelson Mandela Bay Municipality, Eastern Cape Province, 2016-2018

Environmental auditing of the development of a link road in Chatty, Nelson Mandela Bay Municipality. Assigned the role of lead ECO.

WATER USE AUTHORISATION (WUA) APPLICATIONS

Pontseng Village, Matatiele, Eastern Cape, South Africa, 2020-

Pontseng Village, Matatiele, Eastern Cape, South Africa. Assigned the roles of project manager and reviewer of Water Use License Application.

Graaff-Reinet Wellfield AIA & WUA (Phase 1 & Phase 2), 2019-2022

Compilation and submission of Water Use License Application (WULA) for the construction of eight boreholes within the northern wellfield and associated pipeline infrastructure for drought relief activities. Assigned the roles of project manager, Wetland Ecologist and WUA manager.

Fairewood Estate Residential Development, Grahamstown, Makana Local Municipality, Eastern Cape Province, 2017-2019

Compilation and submission of Water Use License Application (WULA) for the construction of eight boreholes within the northern wellfield and associated pipeline infrastructure for drought relief activities. Assigned the roles of Wetland Ecologist and co-author of the WULA.

Seaview Bulk Water Supply, Nelson Mandela Bay Municipality, Eastern Cape Province, 2017

Compilation and submission of Water Use License Application (WULA) for the construction of water supply infrastructure in Seaview, Gqeberha, Nelson Mandela Bay. Assigned the roles of Wetland Ecologist and co-author of the WULA.

Sans Souci to Nivens Drift 132kV Powerline, Nelson Mandela Bay Municipality, Eastern Cape Province, 2016-2017

Compilation and submission of Water Use License Application (WULA) for the construction of a 132kV powerline between Sans Souci and Nivens Drift power stations in Nelson Mandela Bay, Eastern Cape Province. Assigned the roles of lead-author of the WULA.

SPECIALIST ASSESSMENTS

Botanical Surveys:

- Slope stabilisation N2 Hartenbos, Western Cape, 2022
- Kenton-on-Sea Filling Station, Eastern Cape, 2022
- Mpofu Dam barge powerline, Humansdorp, Eastern Cape 2022
- Bushy Park Borehole, NMBM Drought Relief, Eastern Cape 2021
- Eskom Melkhout to Grassridge powerline, Humansdorp to Kariega, Eastern Cape, 2019
- Transnet Engineering: Threatened or Protected Species and Invasive Alien Species Management, 2018
- NMBM Drought Relief Boreholes: Botanical Surveys at Groendal Dam, Churchill Dam and Kariega surrounds, 2018
- Bruintjieshoogte road reserve fence maintenance botanical survey, 2016

Terrestrial Biodiversity:

- Biodiversity Assessments: ECPTA Wild Coast N2 Offset sites, 2022
- Plant Protection and Relocation Plan: Coega SEZ, Mulilo Power Plant, 2022
- Vegetation Impact Assessment: Melkhout Substation BESS, 2018
- Vegetation Impact Assessment: Upgrade of the R335 & R345 between Addo & Paterson, 2017-2018

Freshwater Biodiversity:

- Freshwater Impact Assessment: Eskom Enkomeni Powerline, Evander, Mpumalanga 2022
- Freshwater Impact Assessment: Dr Beyers Naude Drought Relief Boreholes – Jansenville & Klipplaat, Eastern Cape 2022
- Aquatic Biodiversity Compliance Statement: Easigas, Sidwell, Gqeberha, Eastern Cape, 2022
- Aquatic Impact Assessment: NMBM Drought Relief – Churchill Dam Boreholes and Pipelines, Kareedouw, Eastern Cape, 2021

- Aquatic Impact Assessment: Engie Power Facility, Coega SEZ, Gqeberha, Eastern Cape 2021
- Aquatic Impact Assessment: Pontseng JSS Borehole and Oxidation Ponds, Matatiele, Eastern Cape, 2020
- Wetland Construction Monitoring: Eskom Frankfort to Windfield Powerline, Free State Province, 2020-2021
- Aquatic Impact Assessment: St Francis Links Irrigation Pipeline, St Francis, Eastern Cape, 2020
- Aquatic Impact Assessment: Graaff-Reinet Wellfields, Eastern Cape, 2019-2021
- Aquatic Impact Assessment: Melkhout Substation BESS, Humansdorp, Eastern Cape, 2018
- Wetland Impact Assessment: The Edge Private Clinic, Gqeberha, Eastern Cape, 2018
- Aquatic Impact Assessment: Farm 782 Humansdorp RD, Eastern Cape, 2018
- Aquatic Impact Assessment: Valencia Water Supply Upgrade, Addo, Eastern Cape, 2018
- Aquatic Impact Assessment: Seaview Low-Income Housing Development, NMBM, Eastern Cape, 2018
- Aquatic Impact Assessment: Upgrade of R335, Addo, Eastern Cape, 2017
- Aquatic Impact Assessment: Irrigation Pipeline, Farm Steenbokvlakte, Kirkwood, Eastern Cape, 2017
- Aquatic Impact Assessment: Amanzi Reservoir and Pipeline, Nelson Mandela Bay Municipality, Eastern Cape. 2017
- Aquatic Impact Assessment: Fairewood Estate Development, Makhanda, Eastern Cape, 2017-2018
- Aquatic Impact Assessment: Emsengeni Road, Kirkwood, Eastern Cape, 2016
- Aquatic Impact Assessment: Bloemendal Arterial Road, Gqeberha, Eastern Cape, 2016-2018
- Aquatic Impact Assessment: Coega Kop Wellfield, Gqeberha, Eastern Cape, 2016
- Aquatic Impact Assessment: Housing Development on Portions 25 & 45 of Farm Cragga Kamma No 23, Gqeberha, Eastern Cape, 2015
- Aquatic Impact Assessment: Langbos Bulk Services, Addo, Eastern Cape, 2015
- Aquatic Impact Assessment: Paterson WWTW Upgrade, Paterson, Eastern Cape, 2015

CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.



Luc Strydom

Date: September 2022