

CONTACT DETAILS

Name of Company	Coastal and Environmental Services (Pty) Ltd
Trading as	CES
Description of Company	Environmental and Social Advisory Services
Designation	Gauteng Branch
Profession	Principal Ecologist, Branch Manager (Gauteng Team)
Years of relevant experience	7 Years
E-mail	a.gouws@cesnet.co.za
Office number	+27 (0)10 045 1372
Nationality	South African
Professional Affiliations	• South African Council for Natural Scientific Professions (SACNASP) (Environmental and Ecological Sciences, <i>Pri.Sci.Nat</i> 121901) • International Association of Impact Assessment (IAIASa)
Key areas of expertise	• Environmental Authorisations • Geographical Information Systems (GIS) • Terrestrial Ecology • Wetland Ecology • Database Management

PROFILE

Mr Aidan Gouws

Aidan obtained his MSc in Environmental Science (*Cum laude*) from Rhodes University, having conducted research on the spatio-temporal dynamics of *Acacia dealbata* invasions and broader land-use and cover changes in the northern Eastern Cape, funded through a study bursary awarded by the Agricultural Research Council (ARC). Prior to this, he obtained his BSc Honours in Geographical and Environmental Sciences (*Cum laude*) from the University of Pretoria, studying plant ecology and EIA methodology amongst others. Since joining CES in 2018, he has been involved in several projects, including Basic Assessments (BA), Full Scoping and Environmental Impact Assessments (S&EIA), Environmental Amendment Applications, Environmental Audits and Resettlement Action Plan (RAP) Audits. He works as a Principal Ecologist and Branch Manager of the Gauteng Team. His interests include the general Environmental Impact Assessment (EIA) process, terrestrial and wetland ecology, and database management. Aidan is registered with the South African Council for Natural Scientific Professions (SACNASP) as an Environmental and Ecological Scientist (*Pri.Sci.Nat.* 121901) and with the International Association for Impact Assessments (IAIA).

**EMPLOYMENT
EXPERIENCE**

Principal Ecologist and Branch Manager (Gauteng Team) – Coastal and Environmental Services (Gauteng)

May 2023 – Current

- Generalist functions: Manage and execute the various environmental projects CES has in the South African sector, which range from Basic Assessments to EIAs, including WULs and other permitting.
- Specialist functions: Ecological Impact Assessments, Wetland Impact Assessments, Database Management and reviews.
- Gauteng branch manager functions: head of consultants, reviewing budgets and schedule status of projects, providing oversight of performance of consultants, undertaking performance reviews and career planning and assisting with disciplinary issues for staff.

Principal Environmental Consultant – Coastal and Environmental Services (Gauteng)

August 2022 – May 2023

- Generalist functions: 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.
- Specialist functions: Ecological Impact Assessments, Wetland Impact Assessments, GIS Mapping and Database Management.

Senior Environmental Consultant – Coastal and Environmental Services (Gauteng)

August 2020 – July 2022

- Generalist functions: 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.
- Specialist functions: Ecological Impact Assessments, Wetland Impact Assessments, GIS Mapping and Database Management.

Environmental Consultant – Coastal and Environmental Services (Gauteng)

July 2018 – July 2020

- Generalist functions: 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.
- Specialist functions: Ecological Impact Assessments, GIS Mapping and Database Management.

Volunteer - Khulisa Social Solutions (Johannesburg)

May 2018 – July 2018

Tutor - Department of Environmental Science, Rhodes University (Makhanda)

January 2016 – December 2017

Demonstrator - Department of Plant Science, University of Pretoria (Pretoria)

July 2015 – December 2015

ACADEMIC QUALIFICATIONS

- 2014 - BSc Environmental Science (University of Pretoria)
- 2015 - BSc (Hons) Geographical and Environmental Science (University of Pretoria)
- 2018 - MSc Environmental Science (Rhodes University)

COURSES

- 2020 - Tools for Wetland Assessment (Rhodes University, in association with GroundTruth, The Water Research Commission and Verdant Environmental), August 2020

PUBLICATIONS

- Gouws, A. J., & Shackleton, C. M. (2019). A spatio-temporal, landscape perspective on *Acacia dealbata* invasions and broader land use and cover changes in the northern Eastern Cape, South Africa. *Environmental Monitoring and Assessment*, 191(2), 74.
- Gouws, A. J., & Shackleton, C. M. (2019). Abundance and correlates of the *Acacia dealbata* invasion in the northern Eastern Cape, South Africa. *Forest Ecology and Management*, 432, 455-466.

PROFESSIONAL EXPERIENCE

BASIC ASSESSMENTS

SACE Projects Ravenna Ground Mount Solar PV Facility, near Benoni, Gauteng Province, 2023–2025

Basic Assessment for the development of a Solar PV facility on the Remaining Extent of the Farm Putfontein 26 IR, located north of Benoni in the City of Ekurhuleni Metropolitan Municipality, Gauteng Province. Assigned the role of project co-lead and Wetland Ecologist.

Bosch Projects James Kleynhans WTW Pipeline Project, Makana Municipality, Eastern Cape Province, 2023–2025

Basic Assessment for the construction of a discharge pipeline at the James Kleynhans WTW, located near Makhanda in the Makana Municipality, Eastern Cape Province. Assigned the role of project lead and report review.

SANRAL R573 Section 1 Phase 3A Road Upgrade from Baviaanspoort Road to Taaibos and the Sefako Makgatho Drive, Pretoria, Gauteng Province, 2022–2025

Basic Assessment for the upgrade of the R573 Section 1 Road Upgrade from Baviaanspoort Road to Taaibos and the new Moloto/Sefako Makgatho Interchange in Pretoria, Gauteng Province. Assigned the role of project manager.

SANRAL Masekwaspoort N1 Road Upgrade BAR Authorisation, Musina, Limpopo Province, 2018–2019, 2022–2025

Basic Assessment for the upgrade of the N1 between Louis Trichardt and Musina. Assigned the role of project co-manager, Ecological Specialist and co-author of the Basic Assessment Report.

Eskom Mesong 400Kv Loop in Loop-out Powerline, Gauteng Province, 2021–2022

Basic Assessment for the development of the 400 kV LILO Powerline in the Modderfontein area, Gauteng Province. Assigned the role of Terrestrial

Ecologist, Wetland Ecologist and co-author of the Basic Assessment Report.

Eskom 132 kV Ganspan Pering powerline in the Pampierstad area, in the Northern Cape and North West Provinces, 2021–2022

Basic Assessment for the development of the 132 kV Powerline in the Pampierstad area, in the Northern Cape and North West Provinces. Assigned the role of Wetland Ecologist and co-author of the Basic Assessment Report.

Sturdee Energy Solar PV Plants at PPC Cement Facilities, South Africa, 2020–2022

Two Basic Assessments for the proposed solar PV plants at the PPC Dwaalboom and PPC Slurry Facilities, located in the Limpopo and North West Provinces, respectively. Assigned the roles of co-project manager, Terrestrial Ecologist and Wetland Ecologist.

SANRAL R516 Section 1 Road Upgrade (R511-Toospruit and Toospruit-Bela Bela), Limpopo Province, 2021–2024

Two Basic Assessments for the upgrade of two sections of the R516-01, as well as a Basic Assessment for the associated mining of a quarry. Assigned the role of project manager.

Ramotshere Moiloa Local Municipality Residential Extensions, Zeerust, North West Province, 2019–2020

Two Basic Assessments for the proposed extension of two residential extensions in Zeerust, North West. Assigned the roles of project manager, PPP manager, Terrestrial Ecologist and lead author of the Basic Assessment Report.

SANRAL Koster R52 Road Upgrade, Koster, North West Province, 2018–2021

Basic Assessment for the road upgrade of the R52 route between Koster and the N4 Rustenburg. Assigned the roles of project manager, PPP manager, Terrestrial Ecologist, Wetland Ecologist and lead author of the Basic Assessment Report.

Transnet Freight Rail Installation of Telecommunications Masts and Associated Infrastructure at Various Locations in South Africa, 2019–2020

Three Basic Assessments for the installation of telecommunications masts in Gauteng, Mpumalanga and KwaZulu-Natal. Assigned the roles of project manager, PPP manager and lead author of the Basic Assessment Report.

PRASA CRES Establishment of Township Leralla Extension 1, Tembisa, Gauteng Province, 2019–2020

Basic Assessment for the proposed township establishment at Leralla Station in Tembisa, Gauteng Province. Assigned the roles of project manager, PPP manager and lead author of the Draft Basic Assessment Report.

FULL SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENTS

SACE Projects Cullinan Ground Mount Solar PV Facility, near Cullinan, Gauteng Province, 2023–2024

Full Scoping and Environmental Impact Assessment for the development of a Solar PV facility on the Portion 76 of the Farm Brandbach 471 JR, east of Cullinan in the City of Tshwane Metropolitan Municipality, Gauteng Province. Assigned the role of project co-manager and Wetland Ecologist.

SANRAL Zandkraal-Winburg N1 Road Upgrade Quarry S&EIR Authorisation, Winburg, Free State Province, 2018–2022

Full Scoping and Environmental Impact Assessment for the mining of borrow pits and quarries associated with the upgrade of the N1 between Zandkraal and Winburg South. Assigned the roles of project manager, PPP manager and lead author of the Scoping Report and Environmental Impact Assessment Report.

SANRAL Masekwaspoort N1 Road Borrow Pit S&EIR Authorisations, Musina, Limpopo Province, 2018–2019, 2022–2025

Three full Scoping and Environmental Impact Assessments for the mining of three borrow pits associated with the upgrade of the N1 between Louis Trichardt and Musina, Limpopo Province. Assigned the role of project manager, Ecological Specialist and co-author of the Scoping and Environmental Impact Assessment Reports.

ENVIRONMENTAL SCREENING

Eskom Lesokwana Substation and Associated Powerlines, Gauteng Province, 2021–2022

Detailed environmental screening process for the development of the Lesokwana substation and associated powerlines in the Gauteng Province. Assigned the roles of project manager, Terrestrial Ecologist, Wetland Ecologist and lead author of the detailed screening report.

ENVIRONMENTAL AMENDMENT APPLICATIONS

SANSA Space Operations Installation of Satellite Antennae on Farm Hartebeesthoek 502JQ, Gauteng Province, 2019–2021

Amendment of Environmental Authorisation for the installation of satellite antennae at the South African National Space Agency (SANSA) Space Operations facility. Assigned the roles of client liaison, Terrestrial Ecologist, Assistant Wetland Ecologist and lead author of the Amendment Report.

WATER USE AUTHORISATION (WUA) APPLICATIONS

SANRAL Zandkraal-Winburg N1 Road Upgrade Quarry General Authorisation, and full Water Use License Application Winburg, Free State Province, 2018–2024, 2025

Section 21(c)(i)(g)(j) General Authorisation Application and Section 21(c)(i) full water use license application for the mining of borrow pits and quarries

associated with the upgrade of the N1 between Zandkraal and Winburg South. Assigned the roles of project manager and WUA manager.

Door of Hope Village Estate for Abandoned and Orphaned Children on Farm Hartsenbergfontein 332, De Deur, Gauteng, 2020–2023

Integrated Water Use Licence Application (WULA) under Section 21(a)(c)(e)(f)(g) of the National Water Act, 1998 (Act 36 of 1998) for the development of a village estate for abandoned and orphaned children. Assigned the role of WULA manager.

SANRAL Koster R52 Road Upgrade, Koster, North West Province, 2021–2023

Section 21(c)(i) General Authorisation Application for the road upgrade of the R52 route between Koster and the N4 Rustenburg. Assigned the roles of project manager, Wetland Ecologist and WUA manager.

Sturdee Energy Solar PV Plants at PPC Slurry Cement Facility, North West Province, 2021–2022

Section 21(c)(i) General Authorisation Application for the proposed solar PV plants at the PPC Slurry Facility, located near Mahikeng in the North West Province. Assigned the roles of co-project manager, WUA manager and Wetland Ecologist.

ENVIRONMENTAL AUDITING

SANRAL R516 Section 1 Road Upgrade (R511-Toospruit and Toospruit-Bela Bela), Limpopo Province, 2025–

Environmental Auditing for the upgrade of the R516-01 road between R511 and Bela Bela. Assigned the role of project manager and interim ECO.

Sturdee Energy Solar PV Plants at PPC Cement Facilities, South Africa, 2024–2025

Environmental Auditing for the proposed solar PV plants at the PPC Dwaalboom and PPC Slurry Facilities, located in the Limpopo and North West Provinces, respectively. Assigned the role reviewer of the audit reports.

SANRAL Koster R52 Road Upgrade, Koster, North West Province, 2025–

Environmental Auditing for the upgrade of the R52-01 road near Koster. Assigned the role reviewer of the audit reports.

SANRAL R510 Section 2 Thabazimbi-Bierspruit, Limpopo Province, 2021–2024

Environmental Auditing for the upgrade of the R510-02 road between Thabazimbi and Bierspruit. Assigned the roles of project manager and reviewer of audit reports.

SANRAL R33 Section 14 Vaalwater-Lephalale Road Upgrade ECO Audits, Limpopo Province, 2021–2024

Environmental Auditing for the upgrade of the R33-14 road and associated bridges and culverts between Vaalwater and Lephalale. Assigned the roles of project manager and lead ECO.

SANRAL Hendrina N11 Road Upgrade ECO Audits, Hendrina, Mpumalanga Province, 2018–2019

Environmental Auditing for the construction of the road and mining of borrow pits associated with the upgrade of the N11 route between Hendrina and Hendrina Power Station. Assigned the roles of ECO, author of ECO audit reports and author of the borrow pit closure report

South African National Biodiversity Institute (SANBI) Office Complex Development, Pretoria, Gauteng Province, 2018

Environmental Auditing for the construction of the Office Complex at the Pretoria National Botanical Gardens. Assigned the roles of interim ECO and co-author of ECO audit reports.

RISK ASSESSMENTS

PRASA CRES Inhlanzane Risk Assessment, Jabulani (Soweto), Gauteng, 2019

Social and Environmental Risk Assessment of the Illegal Occupation of the Rail Reserve near Inhlanzane Station - Jabulani (Soweto), Gauteng. Assigned the roles of project manager and lead author of the Risk Assessment Report.

RESETTLEMENT ACTION PLAN (RAP) AUDITING

Millennium Challenge Account Malawi (MCA-M) RAP Audits, 2018–2019

Completion audits for six Resettlement Action Plans (RAPs) conducted for the Infrastructure Development Project in Malawi. These RAPs documented the physical and economic displacement impacts and compensation for assets of people affected by wayleave corridors along 400kV, 132kV, 66kV and 33kV OHLs, as well as for substations and permanent access roads. Assigned the roles of database support, auditor, training assistant and assistant author. Later assigned the role of database manager.

DATABASE MANAGEMENT

HDR Nacala Solar PV RP, Mozambique, 2023

Environmental Impact Assessment (EIA) and Resettlement Plan (RP) for the proposed Nacala 30 MW Solar PV Project in the Nacala-Porto Municipality, Nampula Province, Mozambique. Assigned the roles of data analyst and database manager.

Kenmare Nataka TSF and MGA EIA and RP, Mozambique, 2022–2023

Environmental Impact Assessment (EIA) and Resettlement Plan (RP) for the proposed Nataka Heavy Minerals Deposit Project in the Nampula Province of Mozambique. Assigned the roles of data analyst and database manager.

LHDA Socio-Economic and Epidemiology Study, Lesotho, 2022

Social-Economic and Epidemiological Impact Surveys for Phase 1 of the Lesotho Highlands Water Project (LHWP) in Lesotho. Assigned the role of database manager.

FG Gold Baomahun Gold Project Supplementary ESIA Addendum and RAP, Baomahun, Sierra Leone, 2022

Environmental and Social Impact Assessment (ESIA) and Resettlement Action Plan (RAP) for the proposed FG Gold Baomahun Gold Project in Sierra Leone. Assigned the roles of data analyst and database manager.

Eswatini Electricity Company (EEC) 132kV Powerline ESIA and RAP, 2020–2022

Environmental and Social Impact Assessment (ESIA) and Resettlement Action Plan (RAP) for the proposed 132kV powerline in the Shiselweni Region of Swaziland. Assigned the roles of data analyst and database co-manager.

SPECIES-SPECIFIC MONITORING

SANRAL *Aloe simii* Propagation Study, White River, Mpumalanga Province, 2018-2022

Three-year propagation study of the critically-endangered *Aloe simii*, endemic to White River, Mpumalanga. Responsible for seed collection, planting and monitoring the growth of the trial populations.

SPECIALIST ASSESSMENTS

Terrestrial biodiversity and ecological impact assessments:

- Botanical Walkthrough Assessments for the Sturdee Energy Solar PV Plants at PPC Dwaalboom and Slurry Cement Facilities, South Africa, 2024
- SANRAL Masekwaspoort N1 Road BAR and Quarry S&EIAR Authorisation, Musina, Limpopo Province, 2022–2023
- Anglo American Borwa Vent Shaft Construction, Limpopo, 2021–2022
- Eskom Mesong 400Kv Loop in Loop-out Powerline, Gauteng, 2021–2022
- Eskom Lesokwana Substation and Associated Powerlines, Gauteng Province, 2021
- Sturdee Energy Solar PV Plants at PPC Dwaalboom and Slurry Cement Facilities, South Africa, 2021
- SANRAL Koster R52 Road Upgrade, Koster, North West Province, 2020
- SANS Space Operations Installation of Satellite Antennae on Farm Hartebeesthoek 502JQ, Gauteng Province, 2020
- Ramotshere Moiloa Local Municipality Residential Extensions, Zeerust, North West Province, 2019

River and wetland impact assessments:

- FG Gold Baomahun Gold Project, Baomahun. Sierra Leone, 2025
- Cainmani Kuschke Solar PV Energy Facility (SEF), near Polokwane, Limpopo, 2024
- Cainmani Roodepoort Solar PV Energy Facility (SEF), near Polokwane, Limpopo, 2024
- Cainmani Buffelsfontein Solar PV Energy Facility (SEF), Buffelsfontein, North West, 2023–2024
- SACE Renewables Cullinan Solar PV Energy Facility (SEF), Cullinan, Gauteng, 2023-2024

- SACE Renewables Ravenna 179 MW Solar PV Energy Facility (SEF), Benoni, Gauteng, 2023–2024
- SANRAL Nexor R62 Jorbertina – Kareedouw WULA, Joubertina, Eastern Cape, 2023–2024
- Sedex Minerals (Pty) Ltd Zandkopsdrift Mine WULA, Rietpoort, Western Cape, 2023–2024
- Zirco Langkuil Heavy Minerals Mine EIA, Garies, Northern Cape, 2023
- Votalia Emandla 20 MWp Solar PV Project, Ndzevane, Eswatini, 2023
- Cainmani Stilfontein Solar PV Energy Facility (SEF) Cluster (2 SEFs), Stilfontein, North West, 2023
- ELIDZ Alexander Mixed Use Commercial Development, East London, Eastern Cape, 2023
- Boston Hydro Power Project (Pty) Ltd (BOS) Environmental and Social Action Plan (ESAP), Free State, 2023
- FG Gold Baomahun Gold Project Supplementary ESIA Addendum, Baomahun. Sierra Leone, 2022
- Atlantic Energy Britstown Wind Energy Facility (WEF) Cluster (six WEFs), Northern Cape, 2022–2023
- Anglo American Borwa Vent Shaft Construction, Limpopo, 2021–2022
- Diamcor Diamond Mine Mining Expansion Project, Limpopo, 2021–2022
- Bosch Projects Jan Kleynhans Water Treatment Works Subsoil Drain, Grahamstown, Eastern Cape, 2021–2022
- Eskom 132 kV Ganspan Pering powerline in the Pampierstad area, in the Northern Cape and North West Provinces, 2021
- Eskom Lesokwana Substation and Associated Powerlines, Gauteng Province, 2021
- De Beers Venetia Mine Stormwater Management Project, Limpopo, 2021
- Sturdee Energy Solar PV Plant at PPC Slurry, North West, 2021
- T4 Mining Project in the Dr Pixley Ka Isaka Seme Local Municipality, Mpumalanga, 2021
- Birmingham Mining Project in the Steve Tshwete Local Municipality, Mpumalanga, 2020–2021
- SANSA Space Operations Installation of Satellite Antennae on Farm Hartebeesthoek 502JQ, Gauteng, 2020
- SANRAL Koster R52 Road Upgrade, Koster, North West, 2020

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.



Aidan John Gouws

Date: January 2026