

APPENDIX N1 – EAP CV AND EAPASA CERTIFICATES

Pre-Application Draft Basic Assessment Report

**Basic Assessment for Mixed-Use Development on Project
Parcels O, P, A1, And A2 on Erven 158570 RE, 149294 RE,
177854 and 179076, Breakwater Precinct, V&A Waterfront,
Cape Town by the V&A Waterfront**

2026

Anchor Environmental Consultants (Pty) Ltd

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www.anchorenvironmental.co.za



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CURRICULUM VITAE

CHERUSCHA SWART

DATE OF BIRTH: 3 November 1988

NATIONALITY: South African

ACADEMIC QUALIFICATIONS

- MSc (Cum Laude) Zoology, Stellenbosch University, 2015 – 2017
- BSc (Hons) Biodiversity and Ecology, Stellenbosch University, 2013
- BSc Biodiversity and Ecology, Stellenbosch University, 2010 – 2012

SCIENTIFIC REGISTRATIONS:

- EAPASA – Environmental Assessment Practitioner: Number 2021/3298
- SACNASP – Pr.Sci.Nat. Environmental Science: 155305
- IAIAsa – Member: Membership number 7398

OTHER TRAINING

- Environmental Impact Assessments Training Course, Cape Town, 2024 & 2025. Business Success Solutions in association with Janice Tooley Attorneys. Accredited with SACNASP and EAPASA.
- Practical Implementation of Environmental Auditing and Monitoring Training Course, Cape Town, 2024. Business Success Solutions in association with Umhlaba Environmental Consulting. Accredited with SACNASP and EAPASA.
- Environmental Legal Compliance, Auditing and Monitoring Training Course, Cape Town, 2023. Business Success Solutions in association with Janice Tooley Attorneys. Accredited with SACNASP and EAPASA.
- Environmental Impact Assessment Law Event Course, Cape Town, 2020. Business Success Solutions in association with Janice Tooley Attorneys. Accredited with SACNASP.
- First Aid Level 1.

COUNTRY EXPERIENCE: South Africa

LANGUAGE PROFICIENCY: English (Excellent), Afrikaans (Excellent)

POSTAL ADDRESS: 8 Steenberg House, Silverwood Close, Tokai 7945

PHONE: +27-21-701 3420

E-MAIL: cher@anchorenvironmental.co.za

EMPLOYMENT HISTORY:

2022–Present — Senior Consultant & Head Environmental Assessment Practitioner in Environmental Impact Assessment Department: Anchor Environmental
2019–2022 — Consultant and Environmental Assessment Practitioner: Anchor Environmental
2018 – 2019 — Junior Consultant and Taxonomist: Anchor Environmental
2014 – 2017 — Assistant Research Consultant: Stellenbosch University
2014 – 2015 — Research Intern: National Research Foundation

SUMMARY PROFILE

Cheruscha holds a Master of Science (MSc) in Zoology, as well as an Honours (BSc Hons) and Bachelor of Science (BSc) degree in Biodiversity and Ecology from Stellenbosch University. She is a Registered Environmental Assessment Practitioner (EAP) with 12 years of research and consulting experience. At Anchor Environmental Consultants, she serves as a Senior Consultant and Head Environmental Assessment Practitioner (EAP), leading multiple projects. Her expertise includes Environmental Impact Assessments (EIAs), applications for prospecting rights, management plan development, environmental compliance monitoring, baseline and monitoring surveys, and specialist impact assessments, all undertaken across marine, coastal, and terrestrial environments. In addition, she has specialist expertise in marine invertebrate taxonomy and rocky shore surveys. Her project portfolio spans a wide range of sectors, including land-based and offshore prospecting, offshore mining, agriculture, land- and sea-based aquaculture, solar desalination, residential and commercial developments, conservation surveys for protected areas, and long-term monitoring of bays and ports along the South African coast. Cheruscha is the author of three peer-reviewed scientific publications and numerous scientific reports, with additional projects and publications currently in preparation.

SELECT PROJECT EXPERIENCE

Period	Country	Clients	Project, Tasks
2026	South Africa	Greenvolts Pty (Ltd)	Terrestrial animal species compliance statement: A terrestrial animal species compliance statement was conducted for a solar PV development in Saldanha.
2026	South Africa	Trans Atlantic Diamonds	Environmental Assessment Practitioner Reapplication process: Basic Assessment Process and application for prospecting rights in the offshore sea concession area 11C, Western Cape
2026	South Africa	Denith Engineering (Pty) Ltd	Environmental Assessment Practitioner Applicability Checklist for the Proposed Crane Installation at the Royale Cape Yacht Club, Erf RE/10256, Cape Town
2025	South Africa	Gansbaai Marine (Pty) Ltd	Marine Field Scientist Marine Rocky Shore Survey to fulfil the requirements of Gansbaai Marine's Coastal Waters Discharge Permit, Western Cape.
2025	South Africa	Enviro-EAP	Independent Reviewer Peer review of the terrestrial animal species assessment for a proposed development in Riversdal, Western Cape
2025	South Africa	CK Rumboll & Partners	Terrestrial Biodiversity/ Animal Specialist; Principal Reviewer Terrestrial animal species compliance statement as part of an EIA for phase 2 of a low-cost housing development in Darling

Period	Country	Clients	Project, Tasks
2025	South Africa	Enviro-EAP	Independent Reviewer Peer review and amendments of terrestrial animal species assessment for the proposed development in Yzerfontein, Western Cape
2025	South Africa	Kovaks Investments 172 (Pty) Ltd	Terrestrial Biodiversity/ Animal Specialist; Principal Reviewer Terrestrial Biodiversity Assessment for the Proposed Residential Housing Development, near Rooipan Salt Pans, Yzerfontein, Western Cape.
2025	South Africa	Kovaks Investments 172 (Pty) Ltd	Terrestrial Biodiversity/ Animal Specialist; Principal Reviewer Terrestrial Animal Species Assessment for the Proposed Residential Housing Development, near Rooipan Salt Pans, Yzerfontein, Western Cape.
2025	South Africa	Enviro-EAP Pty (Ltd)	Independent Reviewer Peer review of the Animal Species Impact Assessment for the Mixed-Use Development, Yzerfontein, Western Cape.
2025	South Africa	Enviro-EAP Pty (Ltd)	Independent Reviewer Peer review of the Animal Species Impact Assessment for the Proposed Residential Development, St Helena Bay, Western Cape.
2025	South Africa	Enviro-EAP Pty (Ltd)	Independent Reviewer Peer review of the Animal Species Compliance Statement for the Proposed Citrusdal Housing Development, Citrusdal, Western Cape.
2025	South Africa	Enviro-EAP Pty (Ltd)	Independent Reviewer Peer review of the Animal Species Compliance Statement for a new dam, Clanwilliam District, Western Cape.
2025	South Africa	ATKV Sake (RF) Pty Ltd t/a ATKV Hartenbos	Terrestrial and Animal Specialist; Principal Reviewer Terrestrial Biodiversity, Plant and Animal Compliance Statement for the Proposed Dune Stabilisation at the ATKV, Hartenbos, Western Cape Province.
2025	South Africa	Overstrand Local Municipality	Specialist and Principal Reviewer Invasive Alien Plant Species Monitoring, Control and Eradication Plan for the Onrus Catchment, Western Cape Province.
2025	South Africa	Breede Valley Municipality (Western Cape)	Terrestrial and Animal Specialist; Principal Reviewer Animal Species Specialist Assessment for the Proposed Integrated Residential Development at Touwsrivier, Western Cape Province
2025	South Africa	Breede Valley Municipality	Terrestrial and Animal Specialist; Principal Reviewer

Period	Country	Clients	Project, Tasks
			Terrestrial Biodiversity Compliance Statement for the Proposed Integrated Residential Development at Touwsrivier, Western Cape Province
2025	South Africa	Breede Valley Municipality	Terrestrial and Animal Specialist; Principal Reviewer Site Sensitivity Verification (SSV) and Report for Terrestrial Biodiversity and Animal and Plant Species for the Proposed Integrated Residential Development at Touwsrivier, Western Cape Province
2025	South Africa	Private Client	Environmental Assessment Practitioner; Terrestrial and Animal Specialist Site Sensitivity Verification (SSV) and Report for the Proposed Solar-Power Desalination Plant Jacobsbaai & Saldanha Area, Western Cape.
2025	South Africa	V&A Waterfront	Environmental Assessment Practitioner; Project Manager Basic Assessment Process for a Mixed Use Development at the V&A Waterfront, Cape Town, Western Cape
2025	Namibia	Namwaste (Pty) Ltd	Animal Specialist Invertebrate Specialist Study for the Proposed Namwaste Management Facility, Arandis, Namibia
2025	South Africa	De Beers Marine (Pty) Ltd	External Environmental Auditor; Environmental Assessment Practitioner External Environmental Compliance Audit for prospecting right NC12189 PR in South African Sea Area 6C — Phase 2 Auditing the compliance of prospecting activities, during January 2022, with the conditions and management measures stipulated in the associated Environmental Authorisation and Environmental Management Programme.
2024	South Africa	De Beers Marine (Pty) Ltd	External Environmental Auditor External Environmental Compliance Audit for prospecting right NC12189 PR in South African Sea Area 6C — Phase 1 Auditing the compliance of prospecting activities, during the period 15 April 2021 to 31 December 2021, with the conditions and management measures stipulated in the associated Environmental Authorisation and Environmental Management Programme.
2024-2026	South Africa	Overstrand Local Municipality	Environmental Assessment Practitioner Estuarine Maintenance Management Plan (MMP) for the proposed dredging and future maintenance of the Onrus Estuary—Onrus Catchment to Coast (C2C) Programme

Period	Country	Clients	Project, Tasks
2024- 2026	South Africa	Sunwater East London	Environmental Assessment Practitioner; Project Manager Scoping & Environmental Impact Assessment (EIA) for the proposed Solar Powered Desalination Plant in the Port of East London for Transnet National Ports Authority
2024/ 2025	South Africa	Department of Forestry, Fisheries and the Environment: Oceans and Coasts	Project Manager; Stakeholder Engagement Specialist Development of management plans for the South-East Atlantic and South-West Indian Seamounts Marine Protected Areas
2024	South Africa	Prism Environmental Management Services on behalf of property owner	Marine, Terrestrial and Animal Specialist Coastal Impact Assessment for the Proposed Property Development on two Erven in Wilderness, Western Cape.
2024	South Africa	Port Nolloth Sea Farms Ranching (Pty) Ltd	Environmental Assessment Practitioner Amendment of the Environmental Authorisation for the Port Nolloth Sea Farms ranching abalone holding and processing facility, south of Kleinsee.
2023	South Africa	Gansbaai Marine (Pty) Ltd	Marine Field Scientist Marine Impact Assessment to fulfil the requirements of Gansbaai Marine's Coastal Waters Discharge Permit
2023	South Africa	St Helena Bay Water Quality Trust	Report Editor and Reviewer The State of St Helena Bay: annual environmental monitoring and reporting campaign
2019 – present (ongoing)	South Africa	Saldanha Bay Water Quality Forum Trust	Marine Field Scientist; Co-author; Report Editor The State of Saldanha Bay and Langebaan Lagoon: Annual Monitoring and reporting campaign
2023/24	South Africa	GIZ	Co-author; Environment Legislation Section Green infrastructure options for improved waterway and catchment management for the City of Cape Town.
2023	South Africa	Impact Water Solutions and GIZ	Co-author; Environment Assessment Practitioner GIZ Green Hydrogen Desalination ESIA Scoping Study to provide strategic information on the technoeconomic, legal, environmental, and social applicability of desalination plants as water source for green hydrogen projects in South Africa.
2023	South Africa	Doug Jeffrey Environmental Consultants	Marine and Coastal Specialist

Period	Country	Clients	Project, Tasks
			Marine Specialist Study for the Residential Development in Oude Kraal, Camps Bay: Site Sensitivity and Constraints Report
2023	South Africa	African Tuna	Specialist and Lead Author Feasibility study for the commercial harvesting of periwinkles and limpets on the west coast of South Africa
2023	Angola	SHELTER (on behalf of Eni Angola)	Specialist and Co-author Preparation of a Terrestrial and Coastal Biodiversity Action Plan (BAP) as part of the Angola Northern Gas Complex Onshore Plant Project
2022/2023	South Africa	Matzikama Kaolin	Environmental Assessment Practitioner; Project Manager; Stakeholder Engagement Specialist Scoping Assessment as part of an application for prospecting rights: Prospecting of kaolin in the Western Cape
2022/2023	South Africa	Xwena Kaolin	Environmental Assessment Practitioner; Project Manager; Stakeholder Engagement Specialist Scoping Assessment as part of an application for prospecting rights: Prospecting of kaolin and silica in the Western Cape
2022 – present (ongoing)	South Africa	I&J Danger Point	Environmental Assessment Practitioner; Stakeholder Engagement Specialist Abalone ranging right application & Risk Assessment
2022 – present (ongoing)	South Africa	Drylands Farms	Terrestrial and Animal Specialist; Environmental Assessment Practitioner Terrestrial Baseline Survey as part of prefeasibility for a proposed agricultural development on a mine in the Northern Cape of South Africa
2018 – present (ongoing)	South Africa	De Beers Marine Namibia	Taxonomist; Environmental Scientist; Co-author De Beers Marine Namibia Environmental Monitoring Programme in the Atlantic 1 Mining License Area: Annual Benthic Sampling Campaign
2021/2022	South Africa	SANEK Liquidators	Environmental Site Officer (ESO) Stonehurst mountain Estate Phase 4 Development — Compliance Monitoring
2021/2022	South Africa	SRK Consulting	Marine Specialist Marine Impact Assessment for the increase in manganese handling capacity at the Multi-Purpose Terminal, Port of Saldanha, Saldanha Bay, South Africa
2021/2022	South Africa	Trans Atlantic Diamonds	Environmental Assessment Practitioner Basic Assessment Process and application for prospecting rights in an offshore sea concession 10B in the Northern Cape

Period	Country	Clients	Project, Tasks
			Basic Assessment Process and application for prospecting rights in an offshore sea concession 7C in the Northern Cape Basic Assessment Process and application for prospecting rights in the offshore sea concession area 14C, Western Cape Basic Assessment Process and application for prospecting rights in the offshore sea concession area 11C, Western Cape Basic Assessment Process and application for prospecting rights in the inshore sea concession area 14A, Western Cape
2021	South Africa	Nomalungelo Faku	Specialist and Lead Author Feasibility study for a pearl farm in the greater Nelson Mandela metropolitan area
2021	South Africa	Cliff Path Action Group	Marine Specialist Marine Environmental Impact Assessment for the Proposed Pedestrian Path to Connect the two Parts of the Hermanus Cliff Path via Poole's Bay
2018 – 2021	South Africa	Mhlathuze Water	Lab Technician and Scientist Mhlathuze Water Environmental Monitoring Programme for the Richards Bay Offshore Outfalls Region
2019/2020	South Africa	Planet Capital and Cape Nordic Corporation	Environmental Assessment Practitioner Support; Stakeholder Engagement Specialist Basic Assessment Process for the Proposed Land-based Aquaculture Facility near Elands Bay on the West Coast of South Africa
2020	South Africa	Planet Capital and Cape Nordic Corporation	Animal Specialist; Field Scientist Proposed Land-based Aquaculture Facility near Elands Bay – Bat Specialist Impact Survey and Assessment
2020	South Africa	CSIR Coastal Systems Research Group	Taxonomist CSIR Coastal Systems Research Group: Identification of benthic invertebrate macrofauna.
2020	South Africa	Department of Environmental Affairs and Development Planning	Field Scientist; Stakeholder Engagement Specialist Berg Estuary Valuation Study: Value of The Berg Estuary and Importance of Management Interventions
2019	South Africa	Department of Agriculture, Forestry & Fisheries	Environmental Assessment Practitioner Support; Stakeholder Engagement Specialist Basic Assessment Process for the Proposed Sea-Based Aquaculture Development Zone in Algoa Bay, Eastern Cape

Period	Country	Clients	Project, Tasks
2019	South Africa	Doring Bay Abalone	Co-Author Draft Environmental & Risk Assessment for an Application for a Right to Engage in an Abalone Ranching Pilot Project
2019	South Africa	Mozal Alumium Smelter	Taxonomist; Co-Author Estuarine Specialist Report for the Mozal Matola River Pipeline, Mozambique: Estuarine Impact Assessment

PUBLICATION RECORD

SWART C AND ROBINSON TB (2019) Horizon scanning for alien predatory crabs: insights from South Africa. *African Journal of Marine Science* 41(2): 125 – 135, DOI: 10.2989/1814232X.2019.1588782

SWART C, VISSER V AND ROBINSON TB (2018) Patterns and traits associated with invasions by predatory marine crabs. *NeoBiota* 39: 79 – 102. <https://doi.org/10.3897/neobiota.39.22002>

ROBINSON TB AND **SWART C** (2015) Distribution and impact of the alien anemone *Sagartia ornata* in the West Coast National Park. *Koedoe* 57 (1): DOI: 10.4102/koedoe.v57i1.1246

SEDICK S, CLARK B, GIHWALA K, **SWART C** (In prep.) The description of a new species of *Nereis* (Annelida, Nereididae) from the shallow waters of southern Namibia.

GIHWALA K, BICCARD A, CLARK B, **SWART C**, MAKHOSONKE A, STEFFANI N, ROOS L (In prep.). Anthropogenic disturbance and subsequent recovery of benthic habitats and associated macrofaunal communities in southern Africa.]

THESIS

SWART C (2017) An assessment of invasive predatory marine crabs and the threat they pose along the South African coastline. MSc Thesis, Stellenbosch University, 154 pp.

CONFERENCES

2014 Poster Presentation: “Distribution and impact of the alien anemone *Sagartia ornata* in the West Coast National Park”. South African Marine Science Symposium, Stellenbosch University, Stellenbosch, 15 – 18 July 2014

2015 Poster Presentation: National Research Foundation Research Day, Feb 2014; Second Prize

2017 Oral Presentation: “Horizon scanning for intertidal predatory crab invaders: South Africa as a case study”. South African Marine Science Symposium, Nelson Mandela University, Port Elizabeth, 4 – 7 July 2017

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2021/3298

Herewith certifies that

CHERUSCHA SWART

is registered as an

Environmental Assessment Practitioner

**Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).**

Effective: 01 April 2026

Expires: 31 March 2027

Chairperson

Registrar



CURRICULUM VITAE

MICHAEL PHILIP ANTHONY ARMITAGE

DATE OF BIRTH: 9 September 1996

NATIONALITY: South African

ACADEMIC QUALIFICATIONS

MSc (Distinction) Environmental and Geographical Science, 2022, University of Cape Town

BSc (Hons) (First Class Pass) Environmental and Geographical Science, 2018, University of Cape Town

BSc Environmental and Geographical Science and Archaeology, 2017, University of Cape Town

OTHER TRAINING

Environmental Impact Assessments Training Course, Cape Town, 2024. Business Success Solutions In association with Janice Tooley Attorneys. SACNASP and EAPASA accredited.

Practical Implementation of Environmental Auditing and Monitoring Training Course, Cape Town, 2024. Business Success Solutions in association with Umhlaba Environmental Consulting. SACNASP and EAPASA accredited.

PCSWMM and EPA SWMM5 Modelling Short Course, 2019. Computational Hydraulics International (CHI).

First Aid Level 1

Scientific Registrations

EAPASA: Candidate EAP, Registration Number: 2024/7978

IAIAsa: Full Member, Registration Number: 7619

COUNTRY EXPERIENCE: South Africa, People's Republic of China

LANGUAGE PROFICIENCY: English (Excellent), Afrikaans (Basic)

POSTAL ADDRESS: 8 Steenberg House, Silverwood Close, Tokai 7945

PHONE: +27-21-701 3420 **E-MAIL:** michael@anchorenvironmental.co.za

EMPLOYMENT HISTORY: 2022-Present: Environmental Consultant: Marine Ecosystems and Resources (Anchor Environmental Consultants)

2021: Research Assistant (South African National Biodiversity Institute and Breede-Gouritz Catchment Management Agency)

2015: Mathematics and Physical Science Tutor (Mastermaths)

SUMMARY PROFILE

Michael holds MSc and BSc (Hons) degrees in Environmental and Geographical Science (EGS) and a BSc in EGS and Archaeology, all from the University of Cape Town (UCT). His MSc entailed a detailed field and laboratory study, and comparative analysis, of trace metal contamination in the Knysna Estuary (RSA) and the Yangtze Estuary (PRC). He's passionate about Integrated Environmental Management (IEM) and Integrated Water Resource Management (IWRM), and is particularly interested in the management of ecosystems and water resources within coastal transitional environments. He is invested in pursuing integrated, "nature-based" solutions to problems traditionally solved with grey infrastructure design choices. Michael thrives on unpacking the complexities of dynamic systems and using this knowledge to optimise integrated management strategies. Prior to working at Anchor, he analysed water quality data on behalf of the Breede-Gouritz Catchment Management Agency (BGCMA) and the South African National Biodiversity Agency (SANBI). Within Anchor Environmental Consultants, he principally works as an Environmental Assessment Practitioner (EAP), undertaking Environmental Impact Assessments (EIAs) in marine, coastal, estuarine, and terrestrial environments. He also works as an estuarine management specialist and specialist scientist, having authored several estuarine management plans (EMPs), maintenance management plans (MMPs), and many estuarine specialist impact assessments. He's further authored several socio-economic impact assessments, and has wide-ranging GIS mapping expertise.

Michael is registered with the Environmental Assessment Practitioners Association of South Africa (EAPASA) as a Candidate Environmental Assessment Practitioner (EAP), Registration no. 2024/7978, and is a Full member of the International Association for Impact Assessments South Africa (IAIAsa), Registration no. 7619.

SELECT PROJECT EXPERIENCE

Period	Country	Clients	Project, Tasks
2025-Ongoing	South Africa	African Marine Solutions (AMSOL)	Environmental Management Specialist Development of an Environmental Management Plan (EMP) for the offshore ship-to-ship bunkering activities in Algoa Bay.
2025	South Africa	Saldanha Bay Water Quality Trust	Sediment Quality Specialist and Chapter Author 2025 State of Saldanha Bay (SOB) Annual Environmental Monitoring Report.
2025	South Africa	Netelek	Environmental Assessment Practitioner Screening study for a proposed Solar-Power Desalination Plant, Ammonium Production Plant, and Associated Infrastructure, Jacobsbaai & Saldanha Area, Western Cape.

Period	Country	Clients	Project, Tasks
2024- Ongoing	South Africa	Overstrand Local Municipality and United National Environmental Programme (UNEP)	Estuarine Specialist and Environmental Assessment Practitioner Onrus Catchment to Coast (C2C) Programme: Preparing Estuarine Ecological Health Assessment (EHA) and Maintenance Management Plan (MMP) Reports for the proposed dredging and future maintenance of the Onrus Estuary; Acquiring approval to rehabilitate the Main Onrus palmiet peat wetland under the Department of Agriculture's Landcare EMPr; Conducting a Water Use License (WULA) Application for both the dredging and rehabilitation work. Future works will include the compilation of additional MMPs, an EIA process, and an additional WULA for catchment rehabilitation further upstream.
2024- 2025	South Africa	Mossel Bay Local Municipality and Southern Estuarine Rehabilitation Action Group (SERAG)	Estuarine Specialist and Environmental Assessment Practitioner Preparing a Maintenance Management Plan (MMP) for the Groot Brak Estuary.
2024- Ongoing	South Africa	V&A Waterfront	Environmental Assessment Practitioner Basic Assessment Process for a Mixed-Use Development within the Breakwater Precinct of the, V&A Waterfront, Cape Town.
2024- Ongoing	South Africa	National Sea Rescue Institute (NSRI)	Environmental Assessment Practitioner Environmental Impact Assessment (EIA) for the Proposed Upgrades the NSRI Bakoven Rescue Base.
2024- Ongoing	South Africa	Sunwater East London	Environmental Assessment Practitioner and Estuarine Specialist Scoping and Environmental Impact Assessment (S&EIA) for Transnet Ports Authority (TNPAs) Proposed Solar Powered Desalination Plant in the Port of East London.
2024- Ongoing	South Africa	The City of Cape Town (CCT) and Infinity Environmental	Field Scientist Marine microplastics and water quality sampling.
2024	South Africa	Port Nolloth Sea Farms Ranching (Pty) Ltd	Environmental Assessment Practitioner Off Road Vehicle Driving Permit and Vessel Launching Permit Applications for the PNSF Abalone Ranching Concession Area (Ongoing).
2024	South Africa	ECA Consulting	Field Scientist Updated Marine Specialist Study and Dumping at Sea Permit Application for the Berth 100A Application in the Port of Ngqura.
2024	South Africa	Department of Forestry, Fisheries and the Environment (DFFE)	Stakeholder Engagement Support Development of management plans for the South-East Atlantic and South-West Indian Seamounts Marine Protected Areas (Ongoing).
2024	South Africa	Port Nolloth Sea Farms Ranching (Pty) Ltd	Environmental Scientist and GIS Specialist Amendment of the Environmental Authorisation for the Port Nolloth Sea Farms ranching abalone holding and processing facility, south of Kleinsee (Ongoing).

Period	Country	Clients	Project, Tasks
2024	South Africa	Infinity Environmental for the City of Cape Town	Estuarine and Ichthyofaunal Specialist (Lead Author) and GIS Specialist Estuarine and Ichthyofaunal Specialist Impact Assessment for the Proposed Fish Ladder Construction and Alterations of Existing Weir and Bridge Infrastructure in the Zeekoevlei Estuary.
2023	South Africa	Infinity Environmental for the City of Cape Town (CCT)	Estuarine Specialist and Lead Author Estuarine Specialist Impact Assessment for the Proposed Dredging of the Milnerton Lagoon by the City of Cape Town. (Ongoing).
2023-2024	South Africa	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) for the City of Cape Town	GIS and Environmental Governance Specialist Green infrastructure options for improved waterway and catchment management for the City of Cape Town. <u>Contributions included:</u> conducting extensive spatial mapping of key socio-economic metrics—and contributing to the interpretation of these results. Was also the lead contributor on the Governance and Regulatory Framework Report pertaining to Cape Town’s waterways (and associated green spaces)—which linked closely with the Socio-Economic report, and dealt in depth with topics such as land zoning, local legislative context, etc.
2023-2024	South Africa	Dube Tradeport Corporation	Estuarine Specialist Estuarine Specialist Impact Assessment for the proposed Development of a Logistics Hub in Portion A of the Old Durban International Airport.
2023-2024	South Africa	Dube Tradeport Corporation	Estuarine Specialist and Lead Author Estuarine Specialist Impact Assessment for the Proposed Automotive Supply Park Sewer Line Passing through the aManzimtoti Estuary.
2023	South Africa	St. Helena Bay Water Quality Trust	Sediment and GIS Specialist and Sediment Chapter Lead Author The State of St Helena Bay: ongoing semi-annual ecological monitoring of St Helena Bay and the lower Berg Estuary.
2023	South Africa	Saldanha Bay Water Quality Forum Trust	Sediment and GIS Specialist and Sediment Chapter Lead Author The State of Saldanha Bay and Langebaan Lagoon; ongoing annual ecological monitoring of Saldanha Bay and Langebaan Lagoon.
2023	South Africa	Enviroworks	Estuarine Specialist and Lead Author Estuarine and Coastal Impact Assessment for the Proposed SANParks Developments in the West Coast National Park, Langebaan.
2023	South Africa	Guillaume Nel Environmental Consultants	Estuarine Specialist and Lead Author Estuarine Specialist Assessment for the proposed upgrade of the TR77/1 (R27), Velddrif.
2023	South Africa	Doug Jeffery Environmental Consultants	GIS Specialist Marine Specialist Study for the Residential Development in Oudekraal, Camps Bay: Site sensitivity and Constraints Report.

Period	Country	Clients	Project, Tasks
2023	South Africa	Impact Water Solutions (IWS) for Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)	Environmental Scientist and GIS Specialist (Lead Author) Green Hydrogen Desalination Study Task 7: Environmental and Social Impact Assessment (ESIA) scoping Report. The report formed the basis for the guideline document for Green Hydrogen developments in South Africa.
2023	South Africa	WSP Group Africa (Pty) Ltd	Marine Ecologist Total Energies Block 11b/12b Environmental and Social Impact Assessment (ESIA): Marine Ecology Impact Study.
2023	South Africa	Infinity Environmental for the City of Cape Town	Estuarine Ecologist Remediation Plan for the Milnerton Lagoon: Ecological Risks and Benefits associated with the Proposed Remediation Options.
2023	South Africa	Sharples Environmental Services	Estuarine and GIS Specialist (Lead Author) Assessment of the Impacts of Building a Residential House in the Knysna Estuary, Garden Route Municipality, Western Cape.
2022-2023	South Africa	Infinity Environmental for the City of Cape Town	Estuarine Specialist and Co-Lead Author Situation Assessment and Estuarine Management Plan Reports for the Zandvlei Estuary.
2022-2023	South Africa	Lukhozi Consulting Engineers	Estuarine Specialist (Lead Author) Mouth Management Plan for the Zandvlei Estuary.
2022	South Africa	Nemai Consulting	Estuarine Ecologist and Field Scientist Ecological Water Requirements (EWR) Update and Estuarine Impact Assessment for the uMzimkhulu Estuary, Kwa Zulu Natal.
2022	South Africa	KSEMS Environmental Consulting	Estuarine Specialist and Lead Author Assessment of Impacts of Proposed Upgrade of the N2 Section 25 between the Isipingo Interchange and Umlaas Canal, and Construction of a New Drainage Canal, in the Ethekwini Municipality, Kwazulu-Natal.
2022	South Africa	Matzikama Kaolin	Environmental Scientist and GIS Specialist Scoping & Environmental Impact Assessment and Application for Prospecting Rights for Kaolin Prospecting in the Western Cape: Preparation of EIA Scoping Report.
2022	South Africa	Xwena Kaolin	Environmental Scientist and GIS Specialist Scoping Report for Prospecting Rights for Kaolin and Silica Prospecting in the Western Cape: Preparation of EIA Scoping Report.
2022	South Africa	Trans Atlantic Diamonds	Co Author of Marine & Fisheries and Socio-Economic Specialist Reports and Contributor to Basic Assessment (BAR) Report. Basic Assessment Process and Application for Prospecting Rights in Offshore Sea Concession 10B in the Northern Cape.
2022	South Africa	Trans Atlantic Diamonds	Co Author of Marine & Fisheries and Socio-Economic Specialist Reports and Contributor to Basic Assessment (BAR) Report. Basic Assessment Process and Application for Prospecting Rights in Offshore Sea Concession 7C in the Northern Cape.

Period	Country	Clients	Project, Tasks
2022	South Africa	Infinity Environmental for the City of Cape Town	Estuarine Specialist and Lead Author Zandvlei Dredge Assessment: Current Ecological Status Report
2022	South Africa	Lukhozi Consulting Engineers for the City of Cape Town	Estuarine Specialist and Lead Author Zandvlei Estuary: Ecological Context and Recommendations.

THESES

Armitage M.P.A. 2022. An Assessment of the Heavy Metal Concentrations in Surface Sediments from the Knysna Estuary. MSc Thesis, The University of Cape Town, 172 pp.

Armitage M.P.A. 2018. A Current Analysis of the Heavy Metal Load in the Ashmead Channel (Knysna Lagoon) Sediments. BSc (Hons) Thesis, University of Cape Town, 39 pp.

CONFERENCES

- 2021** Joint Society of South African Geographers-Southern African Association of Geomorphologists Conference (Presentation)
- 2021** International Association for Impact Assessment South Africa: Re-Thinking IEM (Integrated Environmental Management) in Pursuit of the Sustainable Development Goals (Attendee)
- 2021** National Research Fund-National Natural Sciences Foundation of China Collaborative Research Closing Symposium with academics from East China Normal University (Presentation)
- 2019** National Research Fund-National Natural Sciences Foundation of China Collaborative Research Symposium hosted in Shanghai with academics from East China Normal University and the University of Cape Town (Presentation)
- 2019** Pollution State of the Knysna Estuary Symposium with members of the Knysna Municipality, Town Council, and stakeholders (Presentation)
- 2018** National Research Fund-National Natural Sciences Foundation of China Collaborative Research Symposium hosted in Shanghai with academics from East China Normal University and the University of Cape Town (Presentation)
- 2018** International Urban Biodiversity & Food Security conference, held in Cape Town (Volunteer & Attendee)

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2024/7978

Herewith certifies that

MICHAEL PHILIP ANTHONY ARMITAGE

is registered as an

Candidate Environmental Assessment Practitioner

**Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).**

Effective: 01 April 2026

Expires: 31 March 2027

Chairperson

Registrar



CURRICULUM VITAE

STEVE COLIN SEPTEMBER

DATE OF BIRTH: 20 January 2000

NATIONALITY: South African

ACADEMIC QUALIFICATIONS:

MCom Public and Development Management, 2024, University of Stellenbosch

BCom (Hons) Public and Development Management, 2022, University of Stellenbosch

BA Development and Environmental Studies, 2021, University of Stellenbosch

COUNTRY EXPERIENCE: South Africa

LANGUAGE PROFICIENCY: English (Excellent), Afrikaans (Excellent)

POSTAL ADDRESS: 8 Steenberg House, Silverwood Close, Tokai 7945

PHONE: +27-21-7013420

E-MAIL: steve@anchorenvironmental.co.za

EMPLOYMENT HISTORY: 2025-current: Consultant: Consultant (Anchor Environmental Consultants)

2023-2025: Junior Environmental Manager (Guillaume Nel Environmental Consultants)

2023-2023: Graduate Intern (Stellenbosch Municipality)

2022-2022: Student Intern (Stellenbosch Municipality)

SUMMARY PROFILE

Steve has a MCom and BCom. Hons. degrees in Public and Development Management and a BA Development and Environmental Studies degree from the University of Stellenbosch. He is a Consultant for Environmental Management at Anchor Environmental and a professionally registered Candidate Environmental Assessment Practitioner (EAPASA: 2023/7868), as well as a Full Member at the International Association of Impact Assessment South Africa (IAIASa) (Full Member: 8136). He is an environmental manager with spatial planning, public administration, public management and public participation experience on local government level within the Western Cape of South Africa. Furthermore, he has a geographic information systems background in the local government sphere, as well as required for the National Environmental Management Act (NEMA). As an Environmental Consultant, his responsibilities include the conducting of environmental impact assessments, water use license applications, heritage applications, and specialist reports.

TECHNICAL SKILLS: QGIS, Python, HTML Web designing

MEMBERSHIP OF PROFESSIONAL BODIES/ORGANISATIONS:

- Candidate Environmental Assessment Practitioner, the Environmental Assessment Practitioner Association of South Africa (Registration Number: 2023/7868) (2023-)

- Full Member, International Association of Impact Assessment South Africa (Registration Number: 8136) (2025-)

SELECT PROJECT EXPERIENCE

Period	Country	Clients	Project, Tasks
2025-	South Africa	Trans Atlantic Diamonds (Pty) Ltd	Candidate Environmental Assessment Practitioner Basic Assessment and Prospecting Right Application for the Concession Area 11C, West Coast, Western Cape
2026	South Africa	Fynbos Eiendomme (Pty) Ltd	Candidate Environmental Assessment Practitioner Review of the Basic Assessment Report for the Proposed Upgrading of the Herold's Bay Sewage Pump Station 1 and associated Rising Main and the Development of Pump Station 4 and new Associated Infrastructure
2026	South Africa	Denith Engineering (Pty) Ltd	Candidate Environmental Assessment Practitioner Applicability Checklist for the Proposed Crane Installation at the Royale Cape Yacht Club, Erf RE/10256, Cape Town
2025-	South Africa	V&A Waterfront (Pty) Ltd	Candidate Environmental Assessment Practitioner Basic Assessment Process for the Proposed Mixed-Use Development on Project Parcels O and P and a1 &a2 on Erven 158570 RE, 149294 RE, 177854 and 179076 Breakwater Precinct, V&A Waterfront, Cape Town
2025	South Africa	City of Cape Town Municipality	Candidate Environmental Assessment Practitioner Basic Assessment Process for the Proposed Phase 1 Water Pipeline in Hout Bay, Cape Town, Western Cape
2025	South Africa	City of Cape Town Municipality	Candidate Environmental Assessment Practitioner Basic Assessment Process for the Proposed Water Pipeline Installation in Simon's Town, Cape Town, Western Cape
2025	South Africa	Croydon Gardens Development (Pty) Ltd	Candidate Environmental Assessment Practitioner Section 24G Process for the Alleged Illegal Infilling of Building Material, Garden Waste and Inert Waste within a wetland/watercourse, the illegal construction of a dam, and the proposed residential development on Remainder 8 and 10 of Farm 654, Somerset West, Western Cape
2025	South Africa	Combined Developers (Pty) Ltd	Candidate Environmental Assessment Practitioner Section 24G Process for the alleged illegal clearance of vegetation and infilling of potential sensitive habitat and the proposed residential development on the remaining extent of Portion 1 of Farm 849, Paarl, Western Cape
2024-2025	South Africa	Rabie Property Developers	Candidate Environmental Assessment Practitioner Basic Assessment Process for the Proposed Mixed-Use Development and the redevelopment of the Durbanville Racecourse, Durbanville. Western Cape

Period	Country	Clients	Project, Tasks
2024-2025	South Africa	Brandwacht Property Development (Pty) Ltd	Candidate Environmental Assessment Practitioner Basic Assessment Process for the Proposed Residential Development on the Remaining Extent of Farm Brandwacht No. 1049, Stellenbosch, Western Cape
2024-2025	South Africa	Overstrand Municipality	Candidate Environmental Assessment Practitioner Basic Assessment Process for the Proposed 11kV Underground Electrical Cable Development, Hermanus, Western Cape
2024-2025	South Africa	Legaro Property Development	Candidate Environmental Assessment Practitioner Basic Assessment Process for the Proposed Drakenzicht 3 Mixed-Use Development on Portion 5 of Portion 3 of Farm 845, Paarl, Western Cape
2024-2025	South Africa	Drakenstein Municipality	Candidate Environmental Assessment Practitioner Basic Assessment Process for the Proposed Secondary Bulk Sewer Pipeline, Paarl, Western Cape
2024	South Africa	Nitida Boutique Hotel	Candidate Environmental Assessment Practitioner Part 2 Amendment for the Proposed Nitida Wine Farm Boutique Hotel Development, Durbanville, Western Cape
2024	South Africa	Subrolox (Pty) Ltd	Candidate Environmental Assessment Practitioner Part 1 Amendment (Transfer of Ownership) for the Approved Pontac Park Light Industrial Development on Portion 10 of Farm van Wyks River No. 787, Paarl, Western Cape
2024	South Africa	Arun Holding (Pty) Ltd	Candidate Environmental Assessment Practitioner Part 1 Amendment (Timeframe Extension) for the Approved Light Industrial Park on Erf 15712, Wellington, Western Cape
2024	South Africa	Nitida Boutique Hotel	Candidate Environmental Assessment Practitioner Part 1 Amendment (Timeframe Extension) for the Approved Nitida Boutique Hotel Development, Durbanville, Western Cape
2024	South Africa	Bello Campo (Pty) Ltd	Candidate Environmental Assessment Practitioner Part 1 Amendment (Layout Amendments) for the Approved Residential Development on Erf 8892, Paarl, Western Cape
2024	South Africa	City of Cape Town Municipality	Candidate Environmental Assessment Practitioner Applicability Checklist for the proposed rehabilitation of Cape Flats 1 and 2 Bulk Sewers, Cape Town, Western Cape
2023-2024	South Africa	City of Cape Town Municipality	Candidate Environmental Assessment Practitioner Basic Assessment Process for the Proposed Upgrading of the Rietvlei Pump Station, Kuils River, Western Cape
2023-2024	South Africa	City of Cape Town Municipality	Candidate Environmental Assessment Practitioner Basic Assessment Process for the Proposed Upgrading of the Raapenberg Pump Station and construction of screening facilities and sand traps, Cape Town, Western Cape

THESES

September. S.C. 2025. An Exploratory study on Public Participation of Rural Communities in the IDP Public Participation process: Case Study of Elsenburg. MCom Thesis, University of Stellenbosch, 200 pp.

**Environmental Assessment
Practitioners Association
of South Africa**



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