



**Professional Registrations:**

- (EAPASA) Environmental Assessment Practitioners Association of South Africa

**Position:**

Senior Environmental Scientist

**Specialisation:**

- Screening Assessments
- Basic Assessments
- Scoping and Environmental Impact Reports (S&EIR'S)
- Water Use License Applications (WULA)
- Waste Management Licenses (WML)

**Education:**

- MSc. Environment and Society, 2002 University of Pretoria
- BSc. Hons, Geography, 2000 University of Kwa-Zulu Natal
- BSc. Botany and Geography, 1999 University of Kwa-Zulu Natal

**Ms. Natasha Lalie**

**KEY EXPERIENCE**

Ms. Natasha Lalie is an Environmental Assessment Practitioner (EAP) with 18 years of experience. She has undertaken numerous Exemption Applications, Screening Assessments, Basic Assessment Reports (BAR's), Scoping Reports, Environmental Impact Reports (EIR's) and Environmental Management Programmes (EMPr's), as required by the Environmental Conservation Act, 1989 (Act No. 73 of 1989) and the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the Environmental Impact Assessment (EIA) Regulations of 2006, 2010 and 2014 (as amended). Natasha has also undertaken Integrated Water Use Licence Applications (IWULA's) for a number of projects, as required by the National Water Act, 1998 (Act No. 36 of 1998). She has been involved in a wide range of projects, which included waste management, industrial, township establishments, mixed-use development, road upgrades, infrastructure developments, dam construction, change of land use, lodge developments, proposed bulk water pipelines, proposed transmission power lines, renewable energy projects, tourism and recreation, proposed filling stations and shopping centre developments.

**PROJECT EXPERIENCE**

**2020 Polihali Dam and Appurtenant Works, Lesotho**

Updating of the Construction Environmental Management Plan, Compilation of Environmental Specifications and Environmental Baseline Report for construction of the dam and appurtenant works for Lesotho Highlands Development Authority, Lesotho.

**2018 Ngqeleni Electrification Phase 3, Eastern Cape**

Basic Assessment (BA), General Authorisation (GA), Permit for construction in Coastal Conservation Area (CCA) and management of permit application for removal of Protected Trees in a natural forest for the proposed electrification of three villages i.e Egoli, Ntshintshani and Mdzweni, near Port St. Johns, Eastern Cape.

**2018 Proposed upgrade of Collingwood School, Bluff, KwaZulu-Natal**  
Project Management for Screening Assessment

**2018 - Proposed Advanced Water Treatment Demonstration Project, KwaZulu-Natal**

Compilation of Final Scoping Report and Integrated WULA for the project site located at Central Waste Water Treatment Works (CWWTW) at Bluff.

**2018 Proposed Support Precinct 2 Development, La Mercy, eThekweni, KwaZulu-Natal**

Scoping and Environmental Impact Report (S&EIR) for the project located at La Mercy, eThekweni, KwaZulu-Natal

**2017 Inyaninga Human Settlements Development, KwaZulu-Natal**

S&EIR, Amendment of Environmental Authorisation (EA) and WULA for a mixed-use development in Tongaat, KwaZulu-Natal

**2017 Proposed Trade Zone 2 development, La Mercy, KwaZulu-Natal**

S&EIR for the project located at La Mercy, eThekweni, KwaZulu-Natal

**2017 Proposed construction of the eThekweni Bus Rapid Transit (BRT), Phase 1 Route C1A from MR577 to the Chris Hani Road Interchange for the eThekweni Municipality, KwaZulu-Natal**

IWULA for several wetland crossings

Compilation of IWULA and Integrated Water and Waste Management Plan (IWWMP) for Section 21(c) and 21(i) water use activities.

**2016 Northern Aqueduct Phase 5, KwaZulu-Natal**

BA and Water Use License Application (WULA) for the proposed Northern Aqueduct Phase 5 from Reservoir Hills to Duffs Road, Avoca, KwaZulu-Natal

**2016 Phase 1A: Proposed Upgrade of Gravel Roads off Main Road, between Shakas Head and Shakas Rock, KwaDukuza Local Municipality, KwaZulu-Natal**

Compilation of Screening Report and Specialist Management. Compilation of, and submission of EIA Enquiry with KZN EDTEA.

**2016 Phase 1B: Proposed Proposed upgrade of Old Fort Road, upper Salt Rock Road and the western extent of Sheffield Beach Road, KwaDukuza, KwaZulu-Natal**

Compilation of Screening Report and Specialist Management

**2015 Proposed Okanhandja medical facility, Namibia**

Compile Final Scoping Report and interpretation of Specialist Studies.

**2014 – Proposed upgrade of N2 between Mthunzini Toll Plaza to the Empangeni T-Junction, , KwaZulu-Natal**

BA, IWULA, Mining Permit Application and Mining Permit EMPr

## PROJECT EXPERIENCE (continued)

- 2014**            **Proposed construction of the Botshabelo Interchange, Manguang Local Municipality, Free State**  
Basic Assessment and Specialist management.
- 2012**            **Lower Thukela Bulk Water Supply Scheme, KwaZulu-Natal**  
Scoping and Environmental Impact Reporting (S&EIR) process for the proposed Lower Thukela Bulk Water Supply Scheme from Mandini to KwaDukuza, KwaZulu-Natal
- 2013 -Proposed Transnet Waste Tyre Storage Facility, Bayhead, KwaZulu-Natal**  
  
BA and Waste Management License (WML)
- 2013**            **Proposed expansion of the Wastewater Treatment Works in Prospecton, KwaZulu-Natal**  
S&EIR Process for WML.
- 2013**            **Proposed Wastewater Treatment Works for a snack facility in Prospecton, KwaZulu-Natal** BA for WML
- 2013**            **Proposed Giant Flag Development, Graaf-Reinet, E. Cape**  
S&EIR process
- 2012**            **Proposed construction of various solar plants in Northern Cape, Free State and Mpumalanga**  
Public Participation Process Practitioner.
- 2010**            **Proposed eThekweni Variable Message Signs (VMS) and surveillance cameras along the N2 and N3 falling within the eThekweni Municipal Boundary, KwaZulu-Natal**  
BA process.
- 2010**            **Proposed Construction of Four Causeways in the Ugu District Municipality, KwaZulu-Natal**  
Project Management and BA process.
- 2009**            **Proposed upgrade of Road P73 near Mthwalume, , KwaZulu-Natal**  
Project Management and Basic Assessment process.
- 2009**            **Proposed upgrade and construction of local roads and causeways at DC21 in Ugu District Municipality, KwaZulu-Natal**  
Project Management and Basic Assessment process.
- 2009**            **Proposed P58 road upgrade in Izingolweni near Port Shepstone, KwaZulu-Natal**  
Project Management and Basic Assessment process.
- 2008**            **Proposed extension of the existing emergency storage dam at the Alton macerator site in Richards Bay, Umhlathuze Local Municipality, KwaZulu-Natal**  
Project Management and Basic Assessment process.
- 2008**            **Proposed upgrade of the existing Sugar Ray Xulu Stadium, Claremont, KwaZulu-Natal**  
Project Management and Basic Assessment process.
- 2008**            **Proposed construction of Qoloqolo Pedestrian Bridge in Mthwalume, KwaZulu-Natal**  
Project Management and Basic Assessment process.
- 2008**            **Proposed Spencer – Tabor 275 KV transmission power line, near Duiwelskloof, Limpopo**  
Compilation of Scoping and EIR.
- 2008**            **Proposed residential resort and golf course at the K'Shani Nature Reserve in Mpumalanga**  
Compilation of Scoping and EIR.
- 2006**            **Proposed township establishment: Annlin Extension 117 in Tshwane, Gauteng**  
Compilation of Exemption Report.
- 2006**            **Proposed road upgrade at the Road D374 and Road D540 Intersection at Muldersdrift in Gauteng**  
Compilation of Exemption Report.

- 2005 Proposed change of land use from “Agricultural” to “Residential 5”, Gauteng**  
Compilation of Exemption Report.
- 2005 Proposed establishment of lodges on a portion of the farm Lekkergoed, Limpopo**  
Compilation of Scoping Report
- 2005 Proposed establishment of Pomona Extension 81, Pomona, Gauteng**  
Compilation of Scoping Report
- 2005 Proposed establishment of a residential development in Pomona Extension 1, Gauteng**  
Compilation of Scoping Report
- 2005 Proposed township establishment - “Cashan Ext. 17, Rustenburg, North-West Province**  
Compilation of Scoping Report
- 2005 Proposed office park/light industrial development in Jetpark, Gauteng**  
Compilation of Scoping Report
- 2005 Proposed upgrading of a homestead at the Rietvlei Nature Reserve, Tshwane, Gauteng**  
Compilation of Exemption Report.
- 2005 Proposed upgrade of the existing gravel roads at the Lesetlheng Village**  
Compilation of Exemption Report.
- 2004 Proposed upgrading and re-alignment of Road D2721 between Sonop and Segwaelane Townships, Brits, North West Province**  
Compilation of Scoping Report
- 2004 Proposed Bushlodge at the Marakele Park (Pty) Ltd, Limpopo Province**  
Compilation of Scoping Report
- 2004 Compost handling facility, in Bartlett, Boksburg, Gauteng**  
Compilation of Scoping Report
- 2004 Proposed establishment of a resort in Swartruggens, North West Province**  
Compilation of Scoping Report.
- 2004 Proposed shopping centre in Kempton Park; Gauteng**  
Compilation of Scoping Report.
- 2004 Proposed Mixed-Use Development on Forest Farm, Gauteng**  
Compilation of Scoping Report.
- 2004 Township Establishment in Brakfontein, Centurion, Gauteng**  
Compilation of Scoping Report.
- 2004 Rezoning and alienation of a park in Laudium, Tshwane, Gauteng**  
Compilation of Exemption Report.
- 2004 Rezoning and alienation of a park in Meyers Park, Tshwane, Gauteng**  
Compilation of Exemption Report.
- 2004 Proposed desilting of the Alberton Dam, Gauteng**  
Compilation of Scoping Report.
- 2003 Widening of London Road and the upgrading of a bridge across the Jukskei River, Alexandra, Gauteng**  
Compilation of Exemption Report.
- 2003-2004 Proposed Waste Transfer Station in Nigel, Gauteng**  
Application for Waste Disposal Site Permit under Section 20 of the Environment Conservation Act, 1989 (Act No.73 of 1989, and Addendum to the Scoping Report and EMPr. Compilation of Operational and Monitoring Plan
- 2003 Sustainable Rural Settlement, Mogale City, Gauteng**  
Compilation of Concept Document.



## PROFESSIONAL SOCIETIES

Registered EAP – EAPASA

## EMPLOYMENT RECORD

2021 - Present	Zitholele Consulting	Senior Environmental Scientist
2015 - 2021	Gibb Engineering and Architecture (Pty) Ltd	Senior Environmental Scientist
2007 - 2015	Strategic Environmental Focus (Pty) Ltd	Environmental Manager (Durban Office)
2003 - 2007	Strategic Environmental Focus (Pty) Ltd	Environmental Manager (Pretoria Office)



## Dr. Mathys Vosloo

### Professional Registrations:

- (SACNASP) South African Council for Natural Scientific Professions
- (IAIAsa) International Association for Impact Assessment – South Africa

### Position:

- Environmental Divisional Head

### Occupation:

- Senior Environmental Scientist

### Specialisation:

- Environmental and Social Impact Assessments
- Water Use Licence Applications
- Waste Management Licence Applications
- Environmental Compliance Audits
- Estuarine Ecological Assessments
- Project Management and GIS

### Education:

- Ph.D., Zoology, 2012 Nelson Mandela Metropolitan University
- M.Sc., Zoology, 2003 University of Port Elizabeth
- B.Sc. Hons, Zoology, 2001 University of Port Elizabeth
- B.Sc., Zoology and Botany, 2000 University of PE

### KEY EXPERIENCE

Dr. Mathys Vosloo is a well-qualified and technically proficient environmental and natural scientist with more than 16 years environmental management experience. His experience include Environmental Impact Assessments (EIAs), Water Use Licence Applications (WULAs), Waste Management Licence (WML) Applications Environmental Management Programmes, environmental compliance auditing and environmental compliance monitoring and reporting.

Mathys has managed and executed several large-scale multi-disciplinary construction projects, such as the development of Ash Disposal Facilities, Flue gas Desulphurisation (FGD) development, and large linear projects including 132kV and 400kV power line power lines development projects.

Mathys also has substantial experience in Geographical Information Systems (GIS), and creating and analysing digital terrain models. Further experience include strategic waste management projects, State Of the Environment Reporting (SOER), Strategic Environmental Assessments (SEA) and feasibility studies.

Mathys' experience in natural science include estuarine ecological assessments, contributions to Water Resource Classification and Resource Quality Objectives studies.

### PROJECT EXPERIENCE

<b>2021</b>	<b>Carlswald Pipeline Upgrade</b>	<b>R 143 245</b>
	Basic Assessment and Water Use Licence Application for the proposed upgrade of a water pipeline in Carlswald, Gauteng Province.	
<b>2020 - 2021</b>	<b>Kap River Nature Reserve Upgrade Screening</b>	<b>R 46 000</b>
	Environmental Screening for the proposed upgrade of the Kap River Nature Reserve to accommodate local tourists for a natural environment experience.	
<b>2020 – 2021</b>	<b>Lanseria WWTW Biodiversity Offset</b>	<b>R 1.83m</b>
	Biodiversity Offset process for the Lanseria Wastewater Treatment Works Development outside Lanseria.	
<b>2020 - 2021</b>	<b>Lanseria WWTW Part 2 EA Amendment</b>	<b>R 200 000</b>
	Part 2 Environmental Authorisation Amendment process for the Lanseria Wastewater Treatment Works Development Environmental Authorisation.	
<b>2020 - 2021</b>	<b>Lanseria WWTW WUL Amendment</b>	<b>R 30 000</b>
	Water Use Licence (WUL) Amendment process for the Lanseria Wastewater Treatment Works Development WUL.	



## PROJECT EXPERIENCE (continued)

<b>2019 – 2021</b>	<b>PPP for Springfield Greenfields Coal Mine</b>	<b>R 354 000</b>
	Public Participation Process (PPP) for the EIA Phase of the Springfield greenfield coal mining operations located between Vereeniging and Meyerton, Gauteng.	
<b>2020</b>	<b>Zimalco EMPr Update and SWMMP</b>	<b>R 33 300</b>
	EMPr update and compilation of Stormwater Monitoring and Management Plan for the Recycling of Hazardous Waste at the Zimalco Aluminium Waste Management Facility.	
<b>2019 – 2021</b>	<b>Thukela Catchment WRC &amp; RQOs: Estuary Component</b>	<b>R 150 000</b>
	Determination of Water Resource Classes and Associated Resource Quality Objectives in the Thukela Catchment: Estuary Component.	
<b>2019</b>	<b>ACED Environmental Compliance Audits</b>	<b>R 115 600</b>
	Environmental Compliance Audits for African Clean Energy development (ACED)'s Bokamoso, Droogfontein II, Waterloo and Zeerust Photovoltaic Energy Facilities.	
<b>2019</b>	<b>NCP Chlorchem Three Wastes Classification</b>	<b>R 134 000</b>
	Waste Classification, Safety Data Sheets and Waste Manifests for NCP Chlorchem's Chlorine / Caustic, Chlorinated Paraffin and Ferric Plant waste streams, Gauteng Province.	
<b>2019</b>	<b>Boksburg Foundry Environmental Compliance Audit</b>	<b>R 12 000</b>
	External Compliance Audit of Boksburg Foundry's Waste Management Licence, Environmental Authorisation and Environmental Management Programme.	
<b>2019</b>	<b>Hendrina Power Station AEL Audit</b>	<b>R 19 750</b>
	Environmental Compliance Audit for Hendrina Power Station's existing Atmospheric Emission Licence, Mpumalanga Province.	
<b>2019</b>	<b>Matimba Dust Fall-out Monitoring</b>	<b>R 160 000</b>
	Management and Review of Dust Fall-out Monitoring (2018 to 2020) at Medupi Power Station, Limpopo Province.	
<b>2019</b>	<b>BA and WULA for Bushkoppies WWTW expansion</b>	<b>R 36 000</b>
	Basic Assessment and Water Use Licence Application for the proposed expansion of the existing Bushkoppies Wastewater Treatment Works, Gauteng Province.	
<b>2019</b>	<b>Eskom Telecommunications Legal Audit</b>	<b>R 36 000</b>
	Environmental Legal Compliance Audit for Eskom Telecommunications' Simmerpan Facility, Gauteng Province.	
<b>2019</b>	<b>NCP Chlorchem Waste Assessment</b>	<b>R 128 000</b>
	Waste Assessment of Waste Sources at NCP Chlorchem's North Dump, South Dump and Little Gorge.	
<b>2018</b>	<b>Hendrina PS AEL and WML Audit</b>	<b>R 28 000</b>
	Environmental Compliance Audit for Hendrina Power Station's existing Atmospheric Emission Licence and Waste Management Licence, Mpumalanga Province.	
<b>2018</b>	<b>Arnot PS IWUL Audit</b>	<b>R 40 000</b>
	Integrated Water Use Licence Compliance Audit for Arnot Power Station, Mpumalanga Province.	
<b>2018 – 2020</b>	<b>Medupi Dust Fall-out Monitoring</b>	<b>R 430 000</b>
	Management and Review of Dust Fall-out Monitoring (2018 to 2020) at Medupi Power Station, Limpopo Province.	
<b>2018 - 2019</b>	<b>WML for Fibre Recovery Plant</b>	<b>R 120 000</b>
	Waste Management Licence and Basic Assessment Process for the development of a Cellulosic Fibre Recovery Plant in Wadeville, Germiston.	
<b>2018 - 2019</b>	<b>WULA for Consol Glass Furnace Development</b>	<b>R 50 000</b>
	Water Use Licence Application for the development of an additional furnace at Consol Glass plant in Nigel, Gauteng Province.	

## PROJECT EXPERIENCE (continued)

<b>2018 - 2019</b>	<b>Consol Glass MES Postponement Applications</b>	<b>R 324 000</b>
Applications for postponement of Minimum Emission Standards Compliance timeframes for Consol Glass Plants in Nigel, Wadeville and Clayville, Gauteng Province.		
<b>2017 - 2019</b>	<b>Medupi PS FGD EIA, WML Variation and WULA</b>	<b>R 5.9 million</b>
Environmental Impact Assessment, Waste Management Licence Variation and Water Use Licence Application for the Medupi Power Station's Flue Gas Desulphurisation Plant and associated infrastructure, Limpopo Province.		
<b>2018 - 2019</b>	<b>Duvha PS Integrated Water Use Licence and WUL Amendment</b>	<b>R 566 000</b>
Water Use Licence Application and amendment of existing water uses at the Eskom Duvha Power Station, Mpumalanga Province.		
<b>2017 - 2018</b>	<b>Wetland Offset Plan and Public Participation for Kusile PS 60year Ash Disposal Facility</b>	<b>R 2.8m</b>
Public participation process for Wetland Offset Strategy and Wetland Offset implementation Plan for the Kusile Power Station 60year Ash Disposal Facility.		
<b>2017 - 2019</b>	<b>BA for KEMJV slimes pipeline</b>	<b>R 230 000</b>
Basic Assessment for construction of slimes pipeline for Kimberley Ekapa Mine Joint Venture, Northern Cape.		
<b>2016 – 2018</b>	<b>Medupi Dust Fall-out Monitoring</b>	<b>R 390 000</b>
Management and Review of Dust Fall-out Monitoring (2016 to 2018) at Medupi Power Station, Limpopo Province.		
<b>2016 - 2017</b>	<b>Asbestos Mine Rehabilitation Programme</b>	<b>R 1.3 million</b>
Undertaking environmental site investigations and project scoping for the rehabilitation of 10 derelict and abandoned asbestos mines in Limpopo and Mpumalanga Provinces.		
<b>2018</b>	<b>Kusile PS Gypsum Waste Classification</b>	<b>R 46 000</b>
Waste Classification of gypsum from Kusile Power Station's Flue gas Desulphurisation Plant, Mpumalanga Province.		
<b>2016 - 2017</b>	<b>Eskom Ash WML Exemption Application</b>	<b>R 1.9 million</b>
Motivation for the application for exemption of waste management activity licences for specific uses of pulverised coal fired boiler ash in terms of GN R. 634.		
<b>2016 - 2017</b>	<b>EA Amendment for Kuruman Powerline Upgrade</b>	<b>R 60 000</b>
EA Amendment application i.t.o. EIA 2014 regulations for amendment to the approved 132 kV powerline corridor between Hotazel, Kuruman and Kathu, Northern Cape.		
<b>2016</b>	<b>Breede-Gourits CMS: Estuarine component</b>	<b>R 81 000</b>
Estuary Situation Assessment to inform the Breede-Gourits Catchment Management Strategy for Breede-Gourits Water Management Area.		
<b>2016 - 2017</b>	<b>BA for Tshepisoong Extension 4 development</b>	<b>R 198 000</b>
Basic Assessment for Mixed Business and Residential Development within Portion 64 of Farm Vlaktefontein 238 IQ, Tshepisoong Extension 4, Johannesburg West, Gauteng Province.		
<b>2016 - 2017</b>	<b>BA for Patensie Housing Development</b>	<b>R 283 000</b>
Basic Assessment for the Patensie Housing Development, Eastern Cape.		
<b>2016</b>	<b>Specialist Walkdown for Kuruman Powerline upgrade</b>	<b>R 355 000</b>
Specialist walkdown of approved 132 kV powerline servitude between Hotazel and Kuruman, Northern Cape.		
<b>2016</b>	<b>Solar Park EA Amendment</b>	<b>R 248 000</b>
Environmental Authorisation (EA) Amendment application i.t.o. EIA 2014 regulations for amendments to the Solar Park to Nieuwehoop 400 kV power line corridor near Upington, Northern Cape.		
<b>2015 - 2016</b>	<b>Solar Park WULA and Specialist Walkdown</b>	<b>R 547 000</b>
Water Use Licence Applications and specialist servitude walkdowns for Solar Park to Nieuwehoop 400 kV powerline development near Upington, Northern Cape.		



## PROJECT EXPERIENCE (continued)

<b>2015 - 2016</b>	<b>BA Clanwilliam Weirs</b>	<b>R 409 000</b>
Proposed Re-alignment of the Bulshoek Dam and Doring River Weirs near Clanwilliam, Western Cape.		
<b>2014 - 2016</b>	<b>EIA Koffiefontein Slimes Dam</b>	<b>R1 million</b>
EIA for the new Koffiefontein Slimes Dam Development, Kimberley.		
<b>2014 - 2015</b>	<b>BA and WULA Kuruman Upgrade</b>	<b>R1.3 million</b>
BA and WULA for 132kV power line upgrade from Hotazel to Kuruman and Kathu, Northern Cape.		
<b>2013 - 2016</b>	<b>EIA Kendal 30 year Ash Disposal Facility</b>	<b>R6 million</b>
EIA, WMLA and WULA for a new Ash Disposal Facility for Kendal Power Station near Ogies in Mpumalanga.		
<b>2013 - 2014</b>	<b>Design of 3 canals</b>	<b>R 700 000</b>
3 x BAs for the proposed prevention of water ingress into previously mined out areas in the Witwatersrand Mining Basin (canalisation of 3 streams), Gauteng.		
<b>2013 - 2014</b>	<b>BA for Vaalbank Switching Station</b>	<b>R 380 000</b>
Basic Assessment for Vaalbank Switching Station and 2 x 88 kV Powerlines, Free State.		
<b>2012 - 2015</b>	<b>EIA Solar Park</b>	<b>R5 million</b>
EIA, EMP &WULA for the Solar Park 132/400 kV Sub Station and Associated lines, Northern Cape.		
<b>2012 - 2015</b>	<b>Kusile 60 year Ash Disposal Facility</b>	<b>R11 million</b>
EIA, WML and WULA for the 60 year Ash Disposal Project near Balmoral in Mpumalanga.		
<b>2012 - 2015</b>	<b>WULA Wilge Pipeline</b>	<b>R 900 000</b>
WULA for the sewage and water pipeline from Wilge Township to Phola, Mpumalanga.		
<b>2012</b>	<b>BA Kouga Dam Wall</b>	<b>R 250 000</b>
The rehabilitation of the Kouga Dam wall and associated mining activities.		
<b>2012</b>	<b>EMP City of Cape Town Stormwater</b>	<b>R1.5 million</b>
Maintenance and management interventions undertaken by the City of Cape Town in its surface stormwater systems.		
<b>2012</b>	<b>BA Melkhout Powerlines</b>	<b>R 100 000</b>
The installation of 132kV transmission lines from Melkhout to Dieprivier, including the construction of a new substation at Dieprivier, Cacadu District.		
<b>2012</b>	<b>BA Dieprivier Powerlines</b>	<b>R 100 000</b>
The installation of 132kV transmission lines from Dieprivier to Kareedouw, including the extension of the existing substation at Kareedouw, Cacadu District.		
<b>2012</b>	<b>BA Patensie Powerlines</b>	<b>R 100 000</b>
The installation of 132kV transmission lines from Melkhout to Patensie, including the construction of a new substation at Patensie, Cacadu District.		
<b>2012</b>	<b>Mmthatha River System</b>	
Catchment delineation and stream calculation for the Mnthatha River System, GIBB Durban.		
<b>2011 - 2012</b>	<b>PRASA Passenger rail and shunting yard proposed sites</b>	
Environmental Screening for the PRASA passenger rail and shunting yard proposed sites in Cape Town, Gauteng and Durban.		
<b>2010 - 2012</b>	<b>ATTP Flow Limiters installation</b>	
NMBM Assistance to the poor (ATTP) and schools leakages repairs and flow limiters installation.		
<b>2010 - 2012</b>	<b>ATTP Database ManagementFlow Limiters installation</b>	<b>R4 million</b>
NMBM Assistance to the poor (ATTP) and schools leakages repairs and flow limiters installation database management.		

## PROJECT EXPERIENCE (continued)

<b>2010 - 2011 Nelson Mandela Bay Provincial Department of Housing</b>	
Nelson Mandela Bay and Cradock low cost housing rectification audits. Management of incoming and outgoing GIS data and GIS mapping, Provincial Department of Housing.	
<b>2010 - 2011 ECO Bulk Stormwater Infrastructure Motherwell</b>	
Installation of bulk storm water infrastructure in Motherwell NU29 and 30 and Implementation of an artificial wetland at the Motherwell stormwater canal outlet structure.	
<b>2010 BA McAdam Street Upgrade</b>	<b>R 60 000</b>
The extension of McAdam Street from Worraker to Mangold Street, NMBM.	
<b>2009 - 2011 EIA Motherwell Housing Development</b>	<b>R 270 000</b>
Motherwell NU 31 housing development, NMBM.	
<b>2009 - 2011 Coega Integrated Stormwater Management Plan</b>	
Coega IDZ Eastern Sector Integrated Stormwater Management Plan, Coega Development Corporation.	
<b>2009 - 2011 EIA KougaWind Farm</b>	<b>R 350 000</b>
Kouga 300 MW wind farm, Kouga Local Municipality.	
<b>2009 - 2010 ECO Swartkops River Artificial Wetland</b>	
Swartkops River, NMBM.	
<b>2009 - 2010 ECO Humewood Road Upgrade</b>	
Realignment of the S-bend section of Humewood Road in Humewood.	
<b>2009 - 2010 ECO Paapenuils Sewer Augmentation</b>	
Paapenuils Main Sewer Augmentation in Port Elizabeth NMBM.	
<b>2009 - 2010 SOER State of the Environment Report</b>	<b>R 350 000</b>
NMBM State of the Environment Report.	
<b>2009 - 2010 ISWMP Coega IDZ</b>	<b>R 350 000</b>
Coega IDZ Eastern Sector Integrated Stormwater Management Plan, CDC.	
<b>2009 - 2010 SOER Flood Plain and Spatial Analysis</b>	
Nelson Mandela Metropolitan Municipality SOER flood plain and spatial analysis, NMBM.	
<b>2009 - 2010 EIA – Red Cap Developments</b>	
Kouga Local Municipality wind farm development EIA, RedCap Developments.	
<b>2008 - 2009 Port Harcourt City Open Space System Plan</b>	
Port Harcourt City Open Space System Plan, Government of Nigeria.	
<b>2008 - 2009 ECO Kwazakhele stormwater infrastructure</b>	
Construction of stormwater detention ponds and upgrading of stormwater infrastructure in Kwazakhele, Phase 3.	
<b>2008 ECO Sherwood Road Upgrade</b>	
Upgrading of Devon and Fairley Roads in Port Elizabeth, NMBM.	
<b>2008 OR Tambo District Municipality water conservation and demand management</b>	
OR Tambo District Municipality water conservation and demand management.	
<b>2008 SOER Eden District Municipality</b>	
Eden District Municipality SOER, Eden District Municipality.	
<b>2008 Kouga Local Municipality catchment and flood attenuation analysis</b>	
Jeffreys Bay Marina Martinique catchment and flood attenuation analysis, Kouga Local Municipality.	
<b>2008 EIA Bethelsdorp Housing Development</b>	<b>R 230 000</b>
Bethelsdorp Phase 3 social housing development, NMBM.	
<b>2008 BA Beacon Maritime Navigational Structure Upgrade</b>	<b>R 60 000</b>
Beacon maritime navigational structure upgrading, NMBM.	

## PROJECT EXPERIENCE (continued)

<b>2008</b>	<b>BA Moffet Dam Rehabilitation</b>	<b>R 60 000</b>
	Moffet Dam breach remedial works, Kouga Local Municipality.	
<b>2008</b>	<b>BA Pollok Beach light mast installation</b>	<b>R 50 000</b>
	Pollok Beach light mast installation, NMBM.	
<b>2008</b>	<b>BA Humewood Road Re-alignment</b>	<b>R 60 000</b>
	Humewood Road re-alignment along the S-bend section, NMBM.	
<b>2008</b>	<b>SOER Hessequa Local Municipality</b>	<b>R 200 000</b>
	Hessequa Local Municipality State of the Environment Summary Report.	
<b>2008</b>	<b>SEA Coastline redevelopment</b>	<b>R 250 000</b>
	North End Coastline redevelopment SEA, NMBM.	
<b>2008</b>	<b>Mzimkhulu River catchment and flood attenuation analysis</b>	
	Mzimkhulu River catchment and flood attenuation analysis, Umzimkhulu Municipality.	
<b>2008</b>	<b>PE Paapenkuils River catchment and flood attenuation analysis</b>	
	Port Elizabeth Paapenkuils River catchment and flood attenuation analysis, NMBM.	
<b>2007 - 2008</b>	<b>ECO Mavuso Road Upgrade</b>	
	Construction of Mavuso Road in Kwazakhele, NMBM.	
<b>2007</b>	<b>BA Jagersfontein Chicken Farm</b>	<b>R 40 000</b>
	Jagersfontein farm 432 commercial production of chicken and operation of an abattoir, Kouga Local Municipality.	
<b>2007</b>	<b>BA Zwide Roads Upgrade</b>	<b>R 55 000</b>
	Tarring of roads in Zwide, NMBM.	
<b>2007</b>	<b>BA McAdam Street Construction</b>	<b>R 40 000</b>
	Construction and extension of McAdam Street, NMBM.	
<b>2007</b>	<b>BA Tygerbay Reconstruction</b>	<b>R 60 000</b>
	Repair and reconstruction of water retaining structures at Tyger Bay EIA NMBM.	
<b>2007</b>	<b>BA Lorraine Infill development</b>	<b>R 40 000</b>
	Erf 306 Lorraine Infill development, NMBM.	
<b>2007</b>	<b>BA Sherwood Roads Upgrade</b>	<b>R 40 000</b>
	Tarring of roads in Sherwood, NMBM.	
<b>2007</b>	<b>BA Zwide Roads Upgrade</b>	<b>R 40 000</b>
	Tarring of Ntsele, Mkutuka, Nanto and Vabaza Streets in Zwide, NMBM.	
<b>2007</b>	<b>BA Pollok Beach Parking Lot</b>	<b>R 50 000</b>
	Pollok Beach, Summerstrand, parking lot relocation, NMBM.	
<b>2007</b>	<b>BA Uitenhage Roads Upgrade</b>	<b>R 40 000</b>
	Tarring of Dube, Grootboom and Luzipho Streets in Uitenhage, NMBM.	
<b>2007</b>	<b>BA PE ICC Site Assessment</b>	<b>R 150 000</b>
	Port Elizabeth International Convention Centre Rapid site assessment, NMBM.	
<b>2007</b>	<b>EIA Exemptions Applications Motherwell</b>	
	Motherwell/Coega outfall canal upgrade.	
<b>2007</b>	<b>EIA Exemptions Applications Lorraine Infill Development</b>	
	Erf 17, Lorraine, infill development.	
<b>2007</b>	<b>EIA Exemptions Applications Korsten Upgrade</b>	
	Korsten Modal Interchange Upgrade.	
<b>2007</b>	<b>GIS SANRAL outdoor advertising opportunities</b>	
	SANRAL outdoor advertising opportunities in the Eastern Cape, SANRAL.	

## PROJECT EXPERIENCE (continued)

- 2007 Coega Integrated Stormwater Plan**  
Coega Integrated Stormwater Plan, Coega Development Corporation.
- 2007 Uitenhage Stormwater Master Plan**  
Uitenhage Stormwater Master Plan, NMBM.
- 2006 Nelson Mandela Metropolitan University exchange programme**  
Analyses and identification of nematode collected samples from the Mngazi Estuary in the Eastern Cape (former Transkei), South Africa, University of Ghent, Belgium – Nelson Mandela Metropolitan University exchange programme.
- 2005 - 2006 Berg River Reserve Determination Study R 150 000**  
Hyperbenthos and zooplankton field assessment in Berg River estuary.
- 2005 Olifants River Reserve Determination Study, Western Cape R 300 000**  
Specialised field ecologist - Field assessment: subtidal macrozoobenthos, hyperbenthos and zooplankton in Olifants River estuary for the Olifants River Reserve Determination study, Western Cape., Contracted sampling for CSIR Stellenbosch (Environmentek).
- 2004- 2005 DWAF - Kromme and Seekoei Estuary Reserve Determination Study R 200 000**  
Specialised field ecologist - Kromme and Seekoei Estuary Catchment Reserve Study. Contracted sampling for Department of Water Affairs and Forestry (DWAF).
- 2003 - 2004 Berg River Baseline Monitoring Program (UCT) R 350 000**  
Berg River Baseline Monitoring Program (UCT). Collecting subtidal macrozoobenthos.
- 2002 - 2006 University of Port Elizabeth Ecological analysis R4 million**  
Specialised field ecologist - Field assessment: subtidal macrozoobenthic and hyperbenthic invertebrates, zooplankton, microzooplankton, meiofauna at Mngazi and Mngazana River estuaries.
- 2002 - 2003 University of Port Elizabeth Ecological analysis**  
Ecological analysis of the functioning Sundays, Swartkops, Kromme, and Gamtoos estuaries using Ecopath with Ecosim, and assessment of the impact of recreational fishing on these ecosystems. MSc dissertation, University of Port Elizabeth.
- 2002 Field assessment: subtidal macrozoobenthos, hyperbenthos and zooplankton in Rooiels R 400 000**  
Specialised field ecologist - Field assessment: subtidal macrozoobenthos, hyperbenthos and zooplankton in Rooiels, Palmiet, Heuningnes, Breede, Klein Brak and Kaaimans River estuaries, Western Cape.
- 2002 Field Assessment - intertidal invertebrates Eastern Cape R 150 000**  
Specialised field ecologist - Field assessment: intertidal invertebrates in Kabeljous, Gamtoos, Swartkops, Sundays and Kariga River estuaries, Eastern Cape.

## PAPERS, PUBLICATIONS, PRESENTATIONS AND PROFESSIONAL SOCIETIES

### PAPERS, PUBLICATIONS

1. Vosloo, M C and Hendricks, M G J. 2017. Marine and estuarine nematodes in South Africa, Book Chapter. In *Nematology in South Africa: A view from the 21<sup>st</sup> Century*. Fourie, Spaul, Jones, Daneel, De Waele (Eds).
2. Vosloo, M.C. 2012. Network analysis of trophic linkages in two sub-tropical estuaries along the south-east coast of South Africa. PhD thesis, Nelson Mandela Metropolitan University.
3. Vosloo, M.C. 2009. Marine and estuarine meiofauna: Contribution to the National Marine Ecosystem Diagnostic Analysis. Agulhas and Somali Current Large Marine Ecosystems.
4. Vosloo, M.C. 2004. A comparative assessment of the impact of recreational and subsistence fishing on selected Eastern Cape estuarine ecosystems using the Ecopath modelling approach. MSc Dissertation, University of Port Elizabeth, Port Elizabeth.

### PROFESSIONAL SOCIETIES

1. Member of International Association for Impact Assessment – South Africa (IAIASa)
2. Registered member of South African Council for Natural Scientific Professions, (SACNASP)

### EMPLOYMENT RECORD

2018 - Present	Zitholele Consulting	Environmental Divisional Manager
2013 - 2017	Zitholele Consulting	Manager: Licencing and Permitting, Senior Environmental Consultant
2012	GIBB Engineering and Science	Senior Environmental Scientist
2007 – 2011	GIBB Engineering and Science	Environmental Scientist
2008 – 2011	Nelson Mandela Metropolitan University	Postgraduate (part-time) Student
2005 – 2007	Nelson Mandela Metropolitan University	Full time Postgraduate (PhD) Student
2001 - 2003	University of Port Elizabeth	Full time postgraduate (MSc) Student
2006	University of Ghent, Belgium	Exchange Ecologist