

# environmental affairs

Department: Environmental Affairs REPUBLIC OF SOUTH AFRICA

## DETAILS OF EAP AND DECLARATION OF INTEREST

File Reference Number: NEAS Reference Number: Date Received:

(For official use only)
12/12/20/
DEA/EIA/

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014

## PROJECT TITLE Proposed 30-year Ash Disposal Facility at Kendal Power Station, Mpumalanga

Environmental Assessment Practitioner (EAP): <sup>1</sup>	Zitholele Consulting (Pty) Ltd		
Contact person:	Tania Oosthuizen		
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Professional affiliation(s) (if any)	SACNAPS (Cert Level B), EAPSA		
Project Consultant:	Eskom SOC Ltd		
Contact person:	Emmy Molepo		
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#### 4.2 The Environmental Assessment Practitioner

\_\_\_\_\_, declare that –

#### General declaration:

I. \_\_\_\_

I act as the independent environmental practitioner in this application

I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant

I declare that there are no circumstances that may compromise my objectivity in performing such work;

I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;

I will comply with the Act, regulations and all other applicable legislation;

I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;

I have no, and will not engage in, conflicting interests in the undertaking of the activity;

I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;

I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;

I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;

I will keep a register of all interested and affected parties that participated in a public participation process; and I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not

all the particulars furnished by me in this form are true and correct;

will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and

I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

#### Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014;

I have a vested interest in the proposed activity proceeding, such vested interest being:

Signature of the environmental assessment practitioner:

Name of company:

Date:





#### **Professional Registrations:**

- Certified Environmental **Assessment Practitioner**
- SACNASP Cert Level B

## **Occupation:**

**Environmental Practitioner** 

#### **Specialisation:**

- Environmental Consulting
- IWULA, IWWMP

## **Education:**

- Masters Environmental Management (Cum Laude), 2010 North-West University
- B.Sc. Hons Geography, 2004 RAU
- B.Sc. Natural and Environmental Science, 2003 RAU

## **Tania Oosthuizen**

## KEY EXPERIENCE

Tania has twelve years working experience in the Environmental Management field. She is certified by the Interim Board of Environmental Assessment Practitioners of South Africa (EAPASA) and registered as Certified Natural Scientist, Level B with the South African Council for Natural Scientific Professionals (SACNASP). She holds a Master's Degree in Environmental Management from the North West University. Tania Manages many large scale environmental authorisation projects and specialises in water use licences.

## **PROJECT EXPERIENCE**

## 2015 – 2016 Camden Biodiversity Management Plan

#### R 500

Project Managing the compilation of a Biodiversity Management Plan for the Camden Power Station.

#### 2013 – 2016 Kendal 30-year Ash Disposal Facility **R6** million Project Managing the environmental authorisation processes (EIA, WMLA and IWULA) for a new Ash Disposal Facility for Kendal Power Station near Ogies in Mpumalanga. Tania is managing all aspects of this study.

2013 – 2016 EIA Kendal Continuous Ash Disposal Facility R4.8 million Project Managing the IWULA process for the continuation of ash disposal on new footprint for the Kendal Power Station near Ogies in Mpumalanga.

#### 2014 – 2016 Camden New Ash Disposal Facility

**R1** million Project Managing the environmental authorisation processes (EIA, WMLA and IWULA) for a new Ash Disposal Facility for Camden Power Station near Ermelo in Mpumalanga. Tania took over the project in 2014 and saw it to completion.

#### 2015 R600 000 **Camden Grave Relocation Process**

Acted as a Project Manager for the grave relocation process for 45 graves situated on the area earmarked for the new Camden Ash Disposal Facility.

2015 Kusile 60 year Ash Disposal Facility **R11** million Provide project support for the compilation of the IWULA and IWWMP for the Kusile 60-year Ash Disposal Project near Balmoral in Mpumalanga.

**EIA Medupi Flue Gas Desulphurisation Project** 2015 **R5** million Acted as a Project Manager on the EIA, WML and IWULA for the retro fitment of the Medupi Power Station.

#### **PROJECT EXPERIENCE (continued)**

#### 2012 - 2013 Wallmannsthal Fluorspar Mine

Project Manager - Environmental authorisation processes (EIA and EMPR) for a Greenfields fluorspar mine in Gauteng.

<b>2012</b> Due diligence	Eureka Mine e audit and Pre-feasibility study.	R500 000
<b>2012</b> Closure Plan	Marsfontein Mine for this decommissioned Mine.	R400 000
<b>2012</b> Undertook ai	<b>Middelburg Ferrochrome</b> n audit on facility's compliance to their water use licence and GN77.	R100 000
2011	Neckartal Dam	R3 million

Facilitator for the public meetings held in Namibia. Tania reviewed the ESIA.

#### 2012 - 2013 Wayland Iron Ore Mine

Project management for the environmental authorisation processes (EIA and EMPR) for a Greenfields iron ore mine in Limpopo. Tania also managed the public participation and GIS components of the study.

#### 2007 - 2012 Burnstone Gold Mine

Project Manager for the compilation of a new EIA, EMPR update, and IWULA update for proposed expansions to the mine. The project included a full public participation programme.

#### 2010 - 2011 Grootvlei - Burnstone Power Line

Project Manager in the compilation of two Basic Assessment Reports and Environmental Management Plans as well as an S21(c) and (i) water use license for the crossings of wetlands.

#### 2011 - 2013 Kusile Power Station

Project Manager for the water use license update process for the Kusile Power Station. Also project managed the (c) and (i) water use license for the ash dump.

#### 2007 - 2012 Gauteng Freeway Improvement Project

Project Manager - Compilation of three Basic Assessment Reports and Environmental Management Plans. Tania was also appointed as the Environmental Control Officer (ECO) on six other work packages which comprised quarterly environmental site inspections and reports for three years.

#### 2007 Luwumbu and Mibango Exploration Projects

Project Manager - Development of EMPs for exploration activities in Tanzania. Tania undertook site visits and made recommendations regarding environmental issues and risks and future environmental applications.

#### 2007 Swaziland mini-hydropower stations

Undertook site visits to develop alternatives analysis of the environmental viability of different sites for minihydropower options.

#### 2007 - 2008 Lumwana Uranium Project, Zambia

Environmental assessments for the uranium component of the Lumwana project. Tania was responsible for the site visit, baseline chapters and to undertake the alternatives assessment for the siting of the Tailings Storage Facility and uranium processing plant.

#### **R2.8** million

# **R2.7** million

#### **R4 million**

#### R500 000

**R1.5** million

**R3** million

## R400 000

## R150 000

#### **R4** million



#### **PROJECT EXPERIENCE (continued)**

#### 2006-2007 Kayelekera Uranium Mine, Malawi

Tania was part of the team who undertook the World Bank EIA for the Kayelekera Uranium Project in Malawi. Tania assisted with day to day aspects of the EIA and was specifically responsible for the water quality monitoring and analysis, the sensitivity mapping and certain aspects of the public participation.

#### 2004 Cullinan Diamond Mine

Tania was sub-contracted to Cullinan Diamond Mine to work as Environmental Officer. There, she was part of a team who were responsible to maintain an Environmental Management System. Tania was responsible to give environmental induction training and to set up a GIS system for the mine.

#### **EMPLOYMENT RECORD**

2013 - Present	Zitholele Consulting	Environmental Practitioner
2012 – 2013	AGES	Senior Environmental Consultant
2005 – 2012	Knight Piésold	Senior Environmental Scientist
2004 – 2005	Information Decision Systems	GIS and Environmental Scientist

#### **R4** million





#### **Professional Registrations:**

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

#### **Occupation:**

• Senior Environmental Scientist

#### **Specialisation:**

- Environmental and Social Impact Assessments
- Strategic Environmental Assessments
- 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

## **Dr. Mathys Vosloo**

#### **KEY EXPERIENCE**

Dr. Mathys Vosloo is a well-qualified and technically proficient environmental and natural scientist with more than 12 years environmental management experience. His experience include Environmental Impact Assessments (EIAs) and the development of Environmental Management Programmes during environmental assessments of construction projects, environmental compliance monitoring and reporting, and Environmental Control Officer (ECO) services for construction projects. Recent experience includes project management and execution of large waste related projects, such as the application for development of Ash Disposal Facilities, and large linear projects such as the management EIA process for the implementation of extensive power lines for renewable projects. Mathys also has substantial experience in Geographical Information Systems (GIS), creating and analysing digital terrain models, runoff and stream flow analysis, stormwater design and map-making for projects in Africa. Further experience include the development and completion of State Of the Environment Reporting (SOER), Strategic Environmental Assessments (SEA) and feasibility studies. Mathys' experience in natural science include aquatic ecological assessments, project management and sample collection in several west, south and east coast estuaries, including ecosystem analysis of estuaries in the Eastern Cape and former Transkei area.

#### **PROJECT EXPERIENCE**

**2016 EA Amendment for Kuruman Powerline Upgrade R 60 000** 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.

2016Breede-Gourits CMS: Estuarine componentR 81 000EstuarySituationAssessment to inform the Breede-GouritsCatchmentManagementStrategy for Breede-GouritsWaterManagementArea.StrategyStrategyStrategy

2016BA for Tshepisong Extension 4 developmentR 198 000Basic Assessment for Mixed Business and Residential Development withinPortion 64 of Farm Vlakfontein 238 IQ, Tshepisong Extension 4, JohannesburgWest, Gauteng Province.

2016BA for Patensie Housing DevelopmentR 283 000Basic Assessment for the Patensie Housing Development, Eastern Cape.

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## **PROJECT EXPERIENCE (continued)**

2016Specialist Walkdown for Kuruman Powerline upgradeR 355 000Specialist walkdown of approved 132 kV powerline servitude between Hotazel and Kuruman, Northern Cape.			
2016Solar Park EA AmendmentR 248 000EA Amendment application i.t.o. EIA 2014 regulations for amendments to the Solar Park to Nieuwehoop 400 kVpower line corridor near Upington, Northern Cape.			
2015 - 2016Solar Park WULAR 547 000WULA for Solar Park to Nieuwehoop 400 kV powerline development near Upington, Northern Cape.Northern Cape.			
<b>2015 - 2016 BA Clanwilliam</b> Proposed Re-alignment of the Bulshoek Dam and Doring River Weirs near Clanwilliam, Western Cape.	I		
2015 - 2016BA Klipspruit ValleyR 244 000BA and WULA for the Klipspruit Valley Road Upgrade.R 244 000	I		
2014 - 2016EIA Koffiefontein Slimes DamR1 millionEIA for the new Koffiefontein Slimes Dam Development, Kimberley.R1 million	I		
2014 - 2015BA and WULA Kuruman UpgradeR1.3 millionBA and WULA for 132kV power line upgrade from Hotazel to Kuruman and Kathu, Northern Cape.	I		
<b>2013 - 2016</b> EIA Kendal 30 year Ash Disposal Facility R6 million EIA, WMLA and WULA for a new Ash Disposal Facility for Kendal Power Station near Ogies in Mpumalanga.	I		
<b>2013 - 2014 Design of 3 canals 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> BA for Vaalbank R 380 000 Basic Assessment for Vaalbank Switching Station and 2 x 88 kV Powerlines, Free State.	I		
<b>2012 - 2015</b> EIA Solar Park R5 million EIA, EMP &WULA for the Solar Park 132/400 kV Sub Station and Associated lines, Northern Cape.	I		
2012 - 2015Kusile 60 year Ash Disposal FacilityR11 millionEIA, WML and WULA for the 60 year Ash Disposal Project near Balmoral in Mpumalanga.	I		
2012 - 2015WULA Wilge PipelineR 900 000WULA for the sewage and water pipeline from Wilge Township to Phola, Mpumalanga.	I		
2012BA Kouga Dam WallR 250 000The rehabilitation of the Kouga Dam wall and associated mining activities.R 250 000	I		
2012EMP City of Cape Town StormwaterR1.5 millionMaintenanceand management interventions undertaken by the City of Cape Town in its surface stormwatersystems.			
2012         BA Melkhout Powerlines         R 100 000           The installation of 132kV transmission lines from Melkhout to Dieprivier, including the construction of a new substation of Dieprivier, including the construction of a new substation of Dieprivier.			

substation at Dieprivier, Cacadu District.

## **PROJECT EXPERIENCE (continued)**

#### 2012 BA Diepriver Powerlines

The installation of 132kV transmission lines from Dieprivier to Kareedouw, including the extension of the existing substation at Kareedouw, Cacadu District.

#### 2012 BA Patensie Powerlines

The installation of 132kV transmission lines from Melkhout to Patensie, including the construction of a new substation at Patensie, Cacadu District.

#### 2012 Mmnthatha River System

Catchment delineation and stream calculation for the Mnthatha River System, GIBB Durban.

#### 2011 - 2012 PRASA Passenger rail and shunting yard proposed sites

Environmental Screening for the PRASA passenger rail and shunting yard proposed sites in Cape Town, Gauteng and Durban.

#### 2010 - 2012 ATTP Flow Limiters installation

NMBM Assistance to the poor (ATTP) and schools leakages repairs and flow limiters installation.

#### 2010 - 2012 ATTP Database ManagementFlow Limiters installation

NMBM Assistance to the poor (ATTP) and schools leakages repairs and flow limiters installation database management.

#### 2010 - 2011 Nelson Mandela Bay Provincial Department of Housing

Nelson Mandela Bay and Cradock low cost housing rectification audits. Management of incoming and outgoing GIS data and GIS mapping, Provincial Department of Housing.

#### 2010 - 2011 ECO Bulk Stormwater Infrastructure Motherwell

Installation of bulk storm water infrastructure in Motherwell NU29 and 30 and Implementation of an artificial wetland at the Motherwell stormwater canal outlet structure.

#### 2010 **BA McAdam Street Upgrade** R 60 000 The extension of McAdam Street from Worraker to Mangold Street, NMBM. 2009 - 2011 EIA Motherwell Housing Development R 270 000 Motherwell NU 31 housing development, NMBM. 2009 - 2011 Coega Integrated Stormwater Management Plan Coega IDZ Eastern Sector Integrated Stormwater Management Plan, Coega Development Corporation. R 350 000 2009 - 2011 EIA KougaWind Farm Kouga 300 MW wind farm, Kouga Local Municipality. 2009 - 2010 ECO Swartkops River Artificial Wetland Swartkops River, NMBM. 2009 - 2010 ECO Humewood Road Upgrade Realignment of the S-bend section of Humewood Road in Humewood. 2009 - 2010 ECO Paapenkuils Sewer Augmentation

Paapenkuils Main Sewer Augmentation in Port Elizabeth NMBM.



R4 million

R 100 000

R 100 000

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PROJECT EXPERIENCE (continued)			
<b>2009 - 2010</b> SOER State of the Environment Report NMBM State of the Environment Report.	R 350 000		
<b>2009 - 2010</b> ISWMP Coega IDZ Coega IDZ Eastern Sector Integrated Stormwater Management Plan, CDC.	R 350 000		
<ul> <li>2009 - 2010 SOER Flood Plain and Spatial Analysis</li> <li>Nelson Mandela Metropolitan Municipality SOER flood plain and spatial analysis, NMBM.</li> <li>2009 - 2010 EIA – Red Cap Developments</li> <li>Kouga Local Municipality wind farm development EIA, RedCap Developments.</li> </ul>			
<b>2008 - 2009 Port Harcourt City Open Space System Plan</b> Port Harcourt City Open Space System Plan, Government of Nigeria.			
2008 - 2009ECO Kwazakhele stormwater infrastructureConstruction of stormwater detention ponds and upgrading of stormwater infrastructure in Kwaza2008ECO Sherwood Road UpgradeUpgrading of Devon and Fairley Roads in Port Elizabeth, NMBM.	khele, Phase 3.		
<b>2008</b> OR Tambo District Municipality water conservation and demand management OR Tambo District Municipality water conservation and demand management.			
2008SOER Eden District MunicipalityEden District Municipality SOER, Eden District Municipality.			
2008Kouga Local Municipality catchment and flood attenuation analysisJeffreys Bay Marina Martinique catchment and flood attenuation analysis, Kouga Local Municipality	у.		
2008EIA Bethelsdorp Housing DevelopmentBethelsdorp Phase 3 social housing development, NMBM.	R 230 000		
<b>2008</b> BA Beacon Maritime Navigational Structure Upgrade Beacon maritime navigational structure upgrading, NMBM.	R 60 000		
<b>2008 BA Moffet Dam Rehabilitation</b> Moffet Dam breach remedial works, Kouga Local Municipality.	R 60 000		
2008 BA Pollok Beach light mast installation Pollok Beach light mast installation, NMBM.	R 50 000		
2008 BA Humewood Road Re-alignment Humewood Road re-alignment along the S-bend section, NMBM.	R 60 000		
2008 SOER Hessequa Local Municipality Hessequa Local Municipality State of the Environment Summary Report.	R 200 000		
2008SEA Coastline redevelopmentNorth End Coastline redevelopment SEA, NMBM.	R 250 000		
<b>2008 Mzimkhulu River catchment and flood attenuation analysis</b> Mzimkhulu River catchment and flood attenuation analysis, Umzimkhulu Municipality.			

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#### **PROJECT EXPERIENCE (continued)**

#### 2008 PE Paapenkuils River catchment and flood attenuation analysis Port Elizabeth Paapenkuils River catchment and flood attenuation analysis, NMBM. 2007 - 2008 ECO Mavuso Road Upgrade Construction of Mavuso Road in Kwazakhele, NMBM. 2007 **BA Jagersfontein Chicken Farm** R 40 000 Jagersfontein farm 432 commercial production of chicken and operation of an abattoir, Kouga Local Municipality. 2007 **BA Zwide Roads Upgrade** R 55 000 Tarring of roads in Zwide, NMBM. 2007 **BA McAdam Street Construction** R 40 000 Construction and extension of McAdam Street, NMBM. 2007 **BA Tygerbay Reconstructiontion** R 60 000 Repair and reconstruction of water retaining structures at Tyger Bay EIA NMBM. 2007 **BA Lorraine Infill development** R 40 000 Erf 306 Lorraine Infill development, NMBM. 2007 **BA Sherwood Roads Upgrade** R 40 000 Tarring of roads in Sherwood, NMBM. 2007 **BA Zwide Roads Upgrade** R 40 000 Tarring of Ntsele, Mkutuka, Nanto and Vabaza Streets in Zwide, NMBM. 2007 R 50 000 **BA Pollok Beach Parking Lot** Pollok Beach, Summerstrand, parking lot relocation, NMBM. 2007 **BA Uitenhage Roads Upgrade** R 40 000 Tarring of Dube, Grootboom and Luzipho Streets in Uitenhage, NMBM. 2007 **BA PE ICC Site Assessment** R 150 000 Port Elizabeth International Convention Centre Rapid site assessment, NMBM. 2007 **BA Sardinia Bay Parking Lot** R 80 000 Sardinia Bay car park relocation site assessment, NMBM. 2007 **EIA Exemptions Applications Motherwell** Motherwell/Coega outfall canal upgrade. 2007 **EIA Exemptions Applications Lorraine Infill Development** Erf 17, Lorraine, infill development. 2007 **EIA Exemptions Applications Korsten Upgrade** Korsten Modal Interchange Upgrade. 2007 SANRAL outdoor advertising opportunities SANRAL outdoor advertising opportunities in the Eastern Cape, SANRAL. 2007 **Coega Integrated Stormwater Plan** Coega Integrated Stormwater Plan, Coega Development Corporation.

#### Dr. Mathys Vosloo

## **PROJECT EXPERIENCE (continued)**

CONSULTING

#### 2007 NMMM 2010 World Cup pedestrian Bridges

NMMM 2010 World Cup pedestrian Bridges: Sheya Khulati, NMBM.

#### 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 estuary Field Assessment

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 Catchment Reserve Study**

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)

Berg River Baseline Monitoring Program (UCT). Collecting subtidal macrozoobenthos.

#### 2002 - 2006 University of Port Elizabeth Ecological analysis

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 Sylt Ecosystem, Germany

Assistant ecosystem modeller - Assisting in preparation and balancing of ecosystem carbon flow models of the Sylt Ecosystem, Germany.

#### 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

Specialised field ecologist - Field assessment: intertidal invertebrates in Kabeljous, Gamtoos, Swartkops, Sundays and Kariga River estuaries, Eastern Cape.

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# R 250 000

R 150 000

# R 150 000

R 200 000

#### **R4 million**

R 350 000



#### PAPERS, PUBLICATIONS, PRESENTATIONS AND PROFESSIONAL SOCIETIES

#### **PAPERS, PUBLICATIONS**

- 1. 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.
- **2.** Vosloo, M.C. 2009. Marine and estuarine meiofauna: Contribution to the National Marine Ecosystem Diagnostic Analysis. Agulhas and Somali Current Large Marine Ecosystems.
- **3.** Vosloo, M C and Hendricks, M G J *In Prep*. Marine and estuarine nematodes in southern Africa, Book Chapter. In Plant nematology in Southern Africa. Mc Donald, Fourie, De Waele, Spaull (Eds).
- **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**

2013 - Present	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