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**AFFIRMATION BY ENVIRONMENTAL ASSESSMENT PRACTITIONER – Scoping Report: As required in terms of Appendix 2, subsection (j) (k) of the EIA Regulations of 2014 (GNR 326)**

**PROJECT TITLE: THE PROPOSED OLIPHANT ESTATE TOWNSHIP DEVELOPMENT IN KIMBERLEY, NORTHERN CAPE PROVINCE**

**DETAILS OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP)**

<b>Environmental Assessment Practitioner (EAP):</b>	Envirolution Consulting (Pty) Ltd		
<b>Contact person:</b>	Gesam Govender		
<b>Postal address:</b>	PO Box 1898, Sunninghill		
<b>Postal code:</b>	2157	Cell:	
<b>Telephone:</b>	(0861) 444499		(083) 419 8905
<b>E-mail:</b>	gesam@envirolution.co.za	Fax:	(086) 162 62 22
<b>EAP Qualifications</b>	BSc (Hons) in Botany		
<b>EAP Registrations/ Associations</b>	Registered with the South African Council for Natural Scientific Professions (No: 400049/12)		

I, Gesan Govender, the appointed EAP confirm through this affirmation (as required in terms of Appendix 2 subsection (j)(k) of the EIA Regulations of 2014 (GNR 326) that -To the best of my knowledge the information provided in this report is factually correct;

- i) To the best of my knowledge all relevant project information which has been provided to stakeholders and interested and affected parties is correct.
- ii) All comments and inputs received from stakeholders / interested and affected parties, prior to submission of the Scoping Report have been included as part of the Scoping Report and addressed where necessary.
- iii) All responses provided to comments received from stakeholders and interested and affected parties are the unbiased opinion of the EAP and are based on factually correct information.

Envirolution Consulting (Pty) Ltd  
 Reg No 2001/029956/07  
 K Govender B Sc (Hons) (Wits) Pr. Sci. Nat



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Signature of the environmental assessment practitioner:

**ENVIROOLUTION CONSULTING**

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Name of company:

**24 April 2023**

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Date:

# CURRICULUM VITAE

Name: **KARTHIGESAN GOVENDER**

Name of Firm: ENVIROOLUTION CONSULTING (PTY) LTD (2004 – Present)

Position: Director and Project Manager

Date of Birth: 12 April 1974

Nationality: South African

Languages: English, Afrikaans

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## EDUCATIONAL QUALIFICATIONS

- B.Sc. – Wits University 1997
- B.Sc. (Honours) –Wits University 1999
- Certificate in Advanced Project Management – Damelin 2003

## PROFESSIONAL REGISTRATION

- South African Council for Natural Scientific Professions (**SACNASP**) Reg. No. 400049/12
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## KEY QUALIFICATIONS and RESPONSIBILITIES

### Responsibilities

Management of all projects and screening, client liaison and Financial Management.

### Feasibility Studies (2000 to date):

- Ekurhuleni Regional Professional Team- Conducted Environmental feasibility studies for more than 40 proposed sites for housing development on behalf of Gauteng Department of Housing.

### Environmental Management Plans (EMPs) (2004 to date):

- Compiled EMPs associated with EIAs for housing developments as well as linear (power lines, pipelines and road infrastructure) construction developments and filling stations
- Developed procedures for conducting EMP related audits
- Conducted auditing of implemented EMPs

### Environmental Audits (2006 to date):

- Chrome International South Africa- Tailings dam external audit
- Bakwena Platinum Corridor Concessionaire- Rustenberg bypass
- Various audits for construction projects including linear (power lines, pipelines and road infrastructure), residential and industrial projects.

### Environmental Reporting and Policy Development (2000 to 2002):

- City of Johannesburg – Updating of the State of the Environment Report
- Conducted research on sustainable development issues affecting the city of Johannesburg
- Participated in the formulation of environmental strategy and policies, including Local Agenda 21
- Evaluated and commented on EIA's or development applications

- Reported on any environmental legislation insofar as it affected the city of Johannesburg
- Writing of Projects Terms of References for Consultants as well as managing consultants
- Task Team member of World Summit on Sustainable Development (WSSD) 2002 Preparatory Committee
- Task Team member of the Local Government Summit (LGS) coordinating committee for WSSD
- Provided input to the various WSSD sub-committees (WSSD Greening *etc.*)
- Coordinated and participate in the Local Agenda 21 activities of the City of Johannesburg
- Coordinated, participated and provided input into WSSD activities of the City of Johannesburg in conjunction with external stakeholders
- Stakeholder liaison and implementation of environmental policy and legislation
- Provided input into LIDP and Environmental Policy processes
- Assisted ICLEI with WSSD related activity and local government initiatives

### **Environmental Impact Assessment (2004 to date)**

- Exemptions (various applications) - including installation of fuel storage tanks, township and commercial developments
- EIAs for proposed Cemeteries
- EIAs for formalising of township developments
- EIAs for filling station developments
- EIAs for the relocation of Sewer Plants
- EIAs for road upgrades and development
- EIAs for proposed housing developments in Ekurhuleni Metropolitan Municipality on behalf of Gauteng Department of Housing – more than 25
- Scoping studies undertaken and project managed with budgets exceeding 2 million rand, project managed all the EIA related work for the Ekurhuleni Regional Professional Team
- EIAs for Eskom Power Transmission and Distribution Lines
- Managed and participated in various environmental projects & programmes, in conjunction with external partners and stakeholders
- EIA for the Eskom Medupi Landfill
- EIAs Johannesburg Water
  - Sewer treatment Plants
  - Network construction and Upgrades

### **Projects worked on and managed (2000 to 2004):**

- Cities State of the Environment Report (CSOER) on the Internet – WSSD Project (Managed its updating)
  - ICLEI's Cities for Climate Protection (CCP) Campaign – WSSD Project. (Coordinator for the City of Johannesburg)
  - Managed pilot projects focused on demand side management of energy resources : Energy efficient retrofitting of street lights as a showcase for WSSD, partnered with the International Institute for Energy Conservation (IIEC) – WSSD Project
  - Managing Water for South African Cities with United Nations Center for Human settlements (UNCHS), involving Catchment Management of the Klipriver System and Upgrade
  - The Strategy for Sustainable Development (SSD) for the City of Johannesburg WSSD Project
  - Housing Projects with DANCED
  - Green Procurement Project of the City of Johannesburg
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## **EMPLOYMENT EXPERIENCE**

### **ENVIROOLUTION CONSULTING (PTY) LTD**

Director (1 September 2004 – present)

### **EIMS Group**

Associate and Environmental Specialist for Environmental Impact Management Services (EIMS) and Director of Tswelopele Environmental (2002- 31 August 2004)

### **City of Johannesburg (Braamfontein)**

Environmental Management Specialist  
(2000-2002)

### **Standard Bank**

212 Smith Street, Braamfontein  
Position: Bank Teller (Nov. 1996 – May 1998)

### **Electronic Data Systems (EDS)**

Commissioner Street, Johannesburg  
Position: Customer Services Consultant (June 1998 – Jan. 1999 & Jan. 2000 – Aug. 2000)  
Reason for leaving: Employed by City of Johannesburg

### **Wits University**

- 1999: Teaching assistant for first year Zoology, Botany and Medical Students, and College of Science students at Wits University.
- 1999: Mapping and sampling vegetation at Nylsvlei Nature Reserve in the Northern Transvaal.
- 1999: Tutoring Zoology and Botany to first year and College of Science students at Wits University

# CURRICULUM VITAE

CHEDA SHEILA BOLINGO

**Position:** Environmental Consultant  
**Name of Firm:** Envirolution Consulting  
**Name of Staff:** Cheda Sheila Bolingo  
**Date of Birth:** 12/02/1981  
**Total Years of Experience:** Seven (7)

## EDUCATION:

Qualification	Institution	Date obtained
MSc (Environmental Management)	University of Johannesburg	2017
BSc (Hons) (Environmental Management)	University of Johannesburg	2010
B Sc (Geography & Environmental Management)	University of Johannesburg	2008

## COUNTRIES OF WORK EXPERIENCE:

South Africa

## LANGUAGES:

Language	Reading	Speaking	Writing
English	Excellent	Very Good	Excellent
Zulu/Sotho	Fair	Good	Fair
Afrikaans	Fair	Fair	Fair
French	Very Good	Good	

## EMPLOYMENT RECORD:

- 1. Organisation:** **Envirolution Consulting**  
**Period:** May 2016 to date  
**Position:** Environmental Consultant  
**Reference:** Mr Karthigesan Govender – Managing Director  
**Contact:** (T) 0861 444 499
- 2. Organisation:** **Savannah Environmental**  
**Period:** June 2012-December 2015  
**Position:** Environmental and GIS Consultant  
**Reference:** Ms Tebogo Mapinga - Senior Project Manager  
**Contact:** (C) 072 738 3836 (T) 011656 3237
- 3. Organisation:** **Fourth Element Consultant**  
**Period:** Feb 2011 - May 2012  
**Position:** Environmental Consultant and GIS Practitioner  
**Reference:** Mr Tsepo Lepono - Environmental Director  
**Contact:** (T) 011 022 1364; (C) 083 339 9103

## PROJECT EXPERIENCE:

**Environmental Authorisation Processes:** Environmental Impact Assessments (Scoping and EIA Phases; Basic Assessments (BA); Environmental Management Programme Reports; Environmental Feasibility Analysis for the following selected projects:

- Scoping, EIA Report & EMP for the Roodepoort Strengthening 400kV substation & 400kV power lines near Roodepoort, Gauteng
- Scoping, EIA Report & EMP for the proposed construction of the Gourikwa-Narina-Droerivier 400kV Power line and Substation upgrades near George, Western Cape Province
- EIA Report & EMP for the Blackwood Solar Energy Facility near Boshof, Free State Province.
- Scoping, EIA Report & EMP for the Boundary Solar Energy Facility near Boshof, Free State.
- Scoping, EIA Report & EMP for the Bosjesmansberg Solar Energy Facility near Copperton, Northern Cape Province.
- Scoping, EIA Report & EMP for the Kheis Solar Energy Facilities near Grootdrik, Northern Cape
- Basic Assessment Process for the Hillside 132kV substation and power line project near Middelsburg, Mpumalanga Province
- Basic Assessment Process for the Simthabi 132kV substation and power line project near Thabazimbi, Limpopo Province
- Basic Assessment Process for the Avalon Cemetery Extension in Soweto, Gauteng
- Basic Assessment Process for the Dinaledi-Spitskop Deviation 400kV power line project near Mogwase, North West Province
- Basic Assessment Process for the Sannaspos Solar Energy Facility near Bloemfontein, Free State
- Basic Assessment Process for the Machadodorp Solar Energy Facility near Machadodorp, Mpumalanga
- Basic Assessment Process for the proposed stormwater Infrastructure construction and upgrade In Zandspruit & Finetown, Gauteng Province.
- Basic Assessment Process for the Jukskei Rehabilitation, along Observatory Stream, Bezhuidenhout Valley, Gauteng Province
- Basic Assessment Process for the Olifantsfontein Rehabilitation Measures along Kaalspruit, Clayville, Gauteng Province
- Environmental Screening Report for the Bosjesmansberg Solar Energy Facility near Copperton, Northern Cape Province.
- Environmental Screening Report for the Ennerdale Extension 9 project near Ennerdale, Gauteng.
- Basic Assessment Process for the Tembisa Western Outfall Sewer in Tembisa, Ekurhuleni Metropolitan Municipality, Gauteng Province.

**Public Participation Process** - formed part of the above mentioned Environmental Authorisation Processes. Experience in the Public Participation Process included the following activities:

- Identification of key stakeholders and stakeholder groups;
- Notification of stakeholders;
- Conducting public meetings and/or focus group meetings;
- Compilation of public meeting presentations on MS Power Point format;
- Compiling an Issues and Responses Report from minutes of meetings held with stakeholders;
- Liaison with stakeholders via fax, email and telephone for the duration of the project;
- Establishing and maintaining relationships with key stakeholders;
- Liaison between client/ developer and stakeholders; and
- Correspondence, liaison and site meetings with the relevant authorities handling the environmental applications have also been successfully undertaken.

**Environmental Compliance Auditing and ECO:** Environmental monitoring for the Dorper Wind Farm near Molteno in Eastern Cape (2014), duties included the followings:

- Monitor of the implementation of the EMPr.
- Liaison with relevant authorities;
- Drafting environmental audit reports to the authorities.
- Compilation of Environmental Log Sheet for record of any impacts
- Suggesting corrective action measures to eliminate the cause of the non-conformance incidents.
- Liaison with contractors regarding overall environmental management onsite;
- Undertaking routine monitoring and appointing a competent person/institution to be responsible for specialist monitoring, if necessary.

#### **SKILLS BASE AND CORE COMPETENCIES**

- Strategic and compliance advise for all aspects of environmental assessment and management
- Working knowledge of environmental planning policies, regulatory frameworks and Environmental Auditing and compliance monitoring legislation
- Strategic and regional assessments; pre-feasibility & site selection
- Identification and assessment of potential environmental impacts and benefits
- Development of practical and achievable mitigation measures and management plans and evaluation of risk to project execution
- Environmental compliance advise, monitoring and reporting for construction projects
- Public participation/involvement and stakeholder consultation
- Experienced in assessments for both linear developments and nodal developments
- Key experience in the assessment of impacts associated with renewable energy projects
- Wide range of experience for public and private sector projects
- Research
- Compliance advice for Financial Close

- Drafting of proposals and Tenders
- GIS (ArcGIS)
- Project management and planning (including budgets)

**KEY RESPONSIBILITIES**

- Providing consulting services to clients for Environmental-related matters.
- Conducting Environmental Impact Assessment (EIA) processes
- Preparation of EIA reports
- Creation of maps for various projects
- Managing multidisciplinary teams
- Conducting various research
- Report writing
- Managing subcontractors
- Client communication
- Proposal preparation