

Name	Johana Masala
Surname	Mugwagwa
Date of birth	12 September 1984
Nationality	South African
Profession	Environmental Assessment Practitioner
Experience	12 years

Education/Qualifications

University of South Africa	2009-2011	B.Sc. Honours Environmental Management
University of Pretoria	2004-2008	B.Sc. Environmental Sciences

Career Enhancing Short Courses and Trainings

University of Stellenbosch	May 19 – 24 May 2014	Renewable Energy policy
Green Gain Consulting	28 August 2012	Environmental Legislation Training
Rhodes University	May 2008	Introduction to Environmental Impact Assessment Procedures

Professional Registration

Registered with the South African Council for Natural Scientific Professions (SACNASP).

Language Skills

Language	Reading	Speaking	Writing
English	Excellent	Excellent	Excellent
Tshivenda	Excellent	Excellent	Excellent
Setswana	Poor	Poor	Poor

Career Summary

Date	Organization
March 2013-Date	Nsovo Environmental Consulting
March 2008-February 2013	Aurecon South Africa

Professional Experience

Environmental Impact Assessments
Environmental Management Programmes
Environmental Management Plans for Borrow pit applications
Public participation Process
Environmental Auditing
Environmental Monitoring
Water use License Applications

Project Experience

- Environmental Impact Assessment for Exxaro Belfast Expansion Project within the jurisdiction of Emakhazeni Local Municipality in the Mpumalanga Province.
- Environmental Impact Assessment for Shongweni substation, Hector – Shongweni 400KV powerline and associated infrastructure within the jurisdiction of EThekwini Metropolitan in the Kwazulu Natal Province.
- Environmental Impact Assessment for Inyaninga substation, Inyaninga – Mbewu 400KV powerline and associated infrastructure within the jurisdiction of EThekwini Metropolitan, Ilembe and Uthungulu District Municipalities in the Kwazulu Natal Province.
- Environmental Control Officer for construction of the Ankerlig Transmission Koeberg Second Supply in the Western Cape Province.
- Water Use Licence Application for expansion of Exxaro's Leeuwpan Coal Mine Block OI West in the Mpumalanga Province

- Environmental Control Officer for the conversion Gourikwa power station from open cycle gas turbine to close cycle gas turbine within the jurisdiction of Mossel Bay Municipality in the Western Cape Province.
- Environmental Control Officer for the conversion Ankerlig power station from open cycle gas turbine to close cycle gas turbine within the jurisdiction of City of Cape Town Metropolitan Municipality in the Western Cape Province.
- Basic Assessment process for the proposed construction of approximately 5.7km 50kV power line from Eskom Juno substation to the proposed new Transnet Juno traction feeder substation within the jurisdiction of Matzikama local municipality, Western Cape Province.
- Basic Assessment process for the proposed construction of the new 50kV Transnet Juno traction feeder substation within the jurisdiction of Matzikama local municipality, Western Cape Province.
- Water Use Licence Application for the Ekangala 10ML Waste Water Treatment Works in Ekangala within the City of Tshwane metropolitan Municipality, Gauteng Province.
- Basic Assessment process and Water Use License Application for the demolishing of the Ekangala old oxidation ponds on behalf of the City of Tshwane Metropolitan Municipality within the City of Tshwane Metropolitan municipality, Gauteng Province.
- Environmental Impact Assessment for The proposed Tubatse Strengthening Phase 1 – Senakangwedi B integration in Greater Tubatse Local Municipality in the Limpopo Province.
- Water Use License Application for the proposed construction of Simmerpan Main Transformer Substation and refurbishment of Jupiter - Simmerpan power line, within Ekurhuleni Metropolitan Municipality, Gauteng Province.
- Basic Assessment for decommissioning of Verwoedsburg 275kV substation and 2x 275kV Verwoedsburg Apollo power lines within the City of Tshwane Metropolitan Municipality in the Gauteng Province.
- Construction of the Nieuwehoop substation and a 400kV transmission line in the Northern Cape Province. Environmental Control Officer.
- Basic Assessment for the Construction of the new Meteor substation and associated 88kV overhead power lines in Emfuleni Municipality, Gauteng Province.
- Construction Environmental Management Plan and Water Use Licence Application for the proposed upgrade of Firgrove Main Transformer Substation and construction of Palmiet Stikland loop-in and loop-out power lines, (Firgrove, Western Cape Province).
- Construction of the Aries-Nieuwehoop 400kV transmission line (Northern Cape, South Africa). Stakeholder Liaison.

- Construction of 2 × 400kV loop-in and out Kendal-Apollo and Duvha-Minerva power lines into Bravo Power station (Bravo integration project phase 2) (Emalahleni Local Municipality, Mpumalanga Province, South Africa). Environmental Monitoring.
- Construction of a 132kV power line and the Umtu substation (Northern Cape Province, South Africa). Environmental Control Officer.
- Basic Assessment for the Vaal River water pipeline for AngloGold Ashanti Mine's Vaal River Operations (North West Province, South Africa).
- Environmental Management Plans for the Flag Boshielo to Mokopane water pipeline (Mpumalanga and Limpopo Provinces, South Africa).
- Environmental Management Plans for the construction of a bulk water pipeline from De Hoop Dam to Steelpoort Pump Station (Mpumalanga and Limpopo Provinces, South Africa)
- Environmental Management Plans for the construction of a bulk water pipeline from Steelpoort Pump Station to the Groothoek Reservoir (Limpopo Province, South Africa).
- Environmental Impact Assessment for Eskom's Isundu-Mbewu 400kV transmission powerlines in KwaZulu-Natal (KwaZulu-Natal Province, South Africa)
- Basic Assessment for AngloGold Ashanti's Mponeng South return water dams and pipeline (Gauteng Province, South Africa).
- Basic Assessment for AngloGold Shanti's West Wits Tau Tona pipeline in Carletonville (Gauteng Province, South Africa).
- Environmental Impact Assessment for the Sunderland Ridge Wastewater Treatment Works (Gauteng Province, South Africa)
- Environmental Impact Assessment for the realignment of the Sasol Gas pipeline in Tembisa (Gauteng Province, South Africa).
- Environmental Impact Assessment for the Ekangala 10ML Wastewater Treatment Works (Gauteng Province, South Africa).
- Environmental Impact Assessment for the Orange-Riet Canal: balancing dam S1 and reject canal in Jacobsdal (Free State Province, South Africa).
- Environmental Impact Assessment for the deviation of the Sasol Gas pipelines in Dalview, Elspark, Verword Park, Burton Park and Mindalore (Gauteng Province, South Africa).
- National Road 17 (N17) between Springs and Ermelo (Gauteng and Mpumalanga Provinces, South Africa).
- White River Wastewater Treatment Works (Mpumalanga Province, South Africa).

- Environmental Impact Assessment for the Development of Klipkopje Eco-estate houses (Mpumalanga Province, South Africa).
- Environmental Impact Assessment for the development of Shallcross Eco-estate houses in Schoemanskloof (Mpumalanga Province, South Africa).
- Environmental Impact Assessment for the development of St Paul's Eco-estate houses in Schoemanskloof (Mpumalanga Province, South Africa).
- Mbombela Sewage pipeline (Mpumalanga Province, South Africa).
- Mbombela Water pipeline (Mpumalanga Province, South Africa).

Project Experience

Mahumela J.M., 2011. "Comparative Analysis of Phosphate Levels on the Trophic Status of the Roodeplaas Dam between 1998 and 2010". The project was undertaken as part of the Honours degree and it focused on determining if the predictions made in 1998 regarding the phosphate levels at the Roodeplaas Dam came true through a comparative analysis of phosphate levels between 1998 and 2010.