



MARIUS ALERS

PRINCIPLE CONSULTANT

PERSONAL PROFILE

I am an environmental scientist with > 9 yrs working experience, of which > 4 yrs are in two management positions. I'm a generally structured thinker who always promote proactive sustainable solutions that is as effective as it is manageable. I have a strong values foundation and believe that sustainable success (growth and performance) can only be achieved if these values are core to our daily lives.

CONTACT



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EDUCATION

North-West University:
BSc Environmental science, 2008

North-West University:
Hon. BSc Environmental science,
2009

SKILLS

- Generally very adaptive and dynamic with a broad scientific and technical understanding
- A good team player with a strong democratic / affiliative leadership style (see harvard's 6 leadership styles).
- Good ability to work under pressure and multi-task
- A highly structured thinker with a good ability to develop, communicate and drive strategy.
- Various software (see page 2 software skills) and technical skills in water, rehab (closure), visualizations (3D), and more

WORK EXPERIENCE

Nettzero, Principle consultant



APR 2018 - CURRENT

- Environmental authorization processes (EIA, WML, WUL, Permits)
- General management services
- Rehabilitation and closure plans
- Systems design, implementation and optimization
- Legal and systems auditing
- Waste classification and characterization

**See full list of projects on page 2*

Implats, Environmental superintendent



JUN 2014 - MAR 2018

- Maintain environmental management system (ISO 14001)
- Participation in CDP carbon and water disclosure projects
- Manage and coordinate the entire operation's monitoring network as well as reporting in line with GRI
- Manage water balance and conservation of usage
- Identify, coordinate and initiate optimization projects



COURSES

South African Bureau of Standards:
ISO 14001:2015 Understanding and
implementation of environmental
management systems (2017)

Center of Environmental Management:
Water quality monitoring (2018)

Safety and Training Solutions:
Legal liability for managers (2015)

CERTIFICATIONS

Professional Natural Scientist (since
2014) (cert. no: 400386/14)

SOFTWARE SKILLS

ISO METRIX - IsoMetrix

Office - Microsoft office

SAP - SAP (ERP & DMS)

ArcGIS - ESRI ArcGIS

AUTODESK CIVIL 3D - Autodesk Civil 3d

Visual MODFLOW - MODFLOW

AERMOD - Aermod

...cont. work experience

- Manage department opex and capex budgets
- Identify and obtain relevant authorizations
- Regularly review system, procedures, and operations and provide strategic guidance on way forward
- Incorporate strategic guidance into objectives, targets, and annual business plans

Implats, Environmental officer

JUN 2010 - JUN 2014



- Establish EMS and obtain ISO 14001 certification
- Ensure compliance and progress towards compliance
- Complete quarterly and monthly reports to management
- Conduct environmental awareness and communication
- Basic fieldwork for ad-hoc sampling
- Internal inspections and site visits
- Manage IsoMetrix GRC system

Kumba, Supervisor (Rehab project)

JAN 2010 - JUN 2010



- Overseeing project team (12 employees)
- Ensure safe working practices
- Oversee project deliverables and ensure meeting of project deadlines
- Provide project design / construction inputs (from an environmental rehabilitation perspective)
- Cost control

CONSULTING PROJECTS

- [EMA](#) - Basic assessment for Modderfontein 10 MW solar PV
- [Assore](#) - Waste characterization on 7 residue facilities (2018)
- [Assore](#) - Compliance auditing (2018) (3 year contract)
- [Acer \(africa\)](#) - Basic Assessment for Eskom's 132 kv powerline and substation to the Lwala mine (2019)
- [Sasol \(Synfuels Secunda\)](#) - WUL audit (2019)
- Lonerock quarries (Clewer sand) - s.34 EMP audit (2019)
- [Glencore \(Rustenburg smelter\)](#) - s.34 EMP audit (2019)
- [Bushveld Chrome Resources](#) - Annual closure plan and financial provision updates (In progress. Started 6 Aug 19)
- [Bushveld Chrome Resources](#) - s.34 EMP audit (2019)
- [SamancorCr](#) (Tubatse) - Design of salvage yard upgrade (2019)