



*Proudly celebrating
20-years of
Environmental Management
Excellence*

**SUSTAINABLE GROWTH
THROUGH ENVIRONMENTAL MANAGEMENT
EXCELLENCE**

2025 Company Overview





COMPANY OVERVIEW

Prism Environmental Management Services is a multi-disciplinary Environmental Management consulting firm. With a vision encompassing a holistic understanding of integrated environmental management in partnership with sustainability, the company prides itself on excellent service and value-added solutions to a range of clients. Established in 2005, the company has grown from strength to strength.

With exceptional field-expertise, command and execution of the relevant legislative requirements and report quality, the company is recognised by clients, fellow consultants, and various Local and Provincial Authorities as a prominent service provider in our field of consulting.

OUR VISION

**SUSTAINABLE
GROWTH THROUGH
ENVIRONMENTAL
MANAGEMENT
EXCELLENCE**

OUR MISSION

Prism Environmental Management Services is a specialist environmental services provider, assuring excellence in environmental resource assessment and management.

We stand in partnership with our clients, our employees, the community and the environment.

Our ambition is to conserve resources, preserve natural habitats and prevent significant environmental impacts, by means of sustainable utilisation of our precious natural resources.

OUR COMMITMENT

The management and staff of Prism Environmental Management Services are committed to:

- Continued improvement of our customer relationships, ensuring customer satisfaction and superior service levels .
- Providing professional and purposeful services at all times.
- Following appropriate procedures to ensure the correct management and ongoing building of a sustainable environment.
- Ongoing development of our staff to meet the challenges of our market.
- Utilising experienced, well trained and technically competent staff.
- To be dynamic in all dealings with our customers, colleagues and the environment.
- Providing multi-faceted services to our clients through our variety of specialist disciplines; and
- Embracing honesty, trust, teamwork, diversity and relationships that are beneficial to all involved.



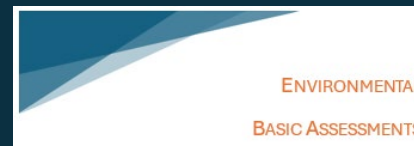
ENVIRONMENTAL SERVICES



**Screening &
Feasibility
Assessments**



**Environmental
Impact
Assessment
(EIA)**



**Basic
Assessments**



**Environmental
Management
Programme (EMPr)
Development**



**Water Use
License
Applications
(WULA)**

SPECIALIST SERVICES



**Wetland
Impact
Assessments**



**Aquatic Impact
Assessments**



**Biodiversity
Assessments**



**Air Quality Impact
Assessments**



**Golden Mole
Assessments**

WETLAND ASSESSMENT & REHABILITATION

Our wetland specialists have extensive experience in this specialised field and the skilled service and exceptional quality of reporting offered by Prism EMS is acknowledged by authorities and peers in our field.

Wetland assessment and delineation is done by means of:

- Wetland Classification
- Present Ecological Status Assessment
- Wetland Ecological Importance and Sensitivity Assessment
- Ecological Category is determined
- Wetland delineation is done by means of soil augering and classification
- Mapping is done utilising GPS tools and Geographic Information System (GIS) Modelling



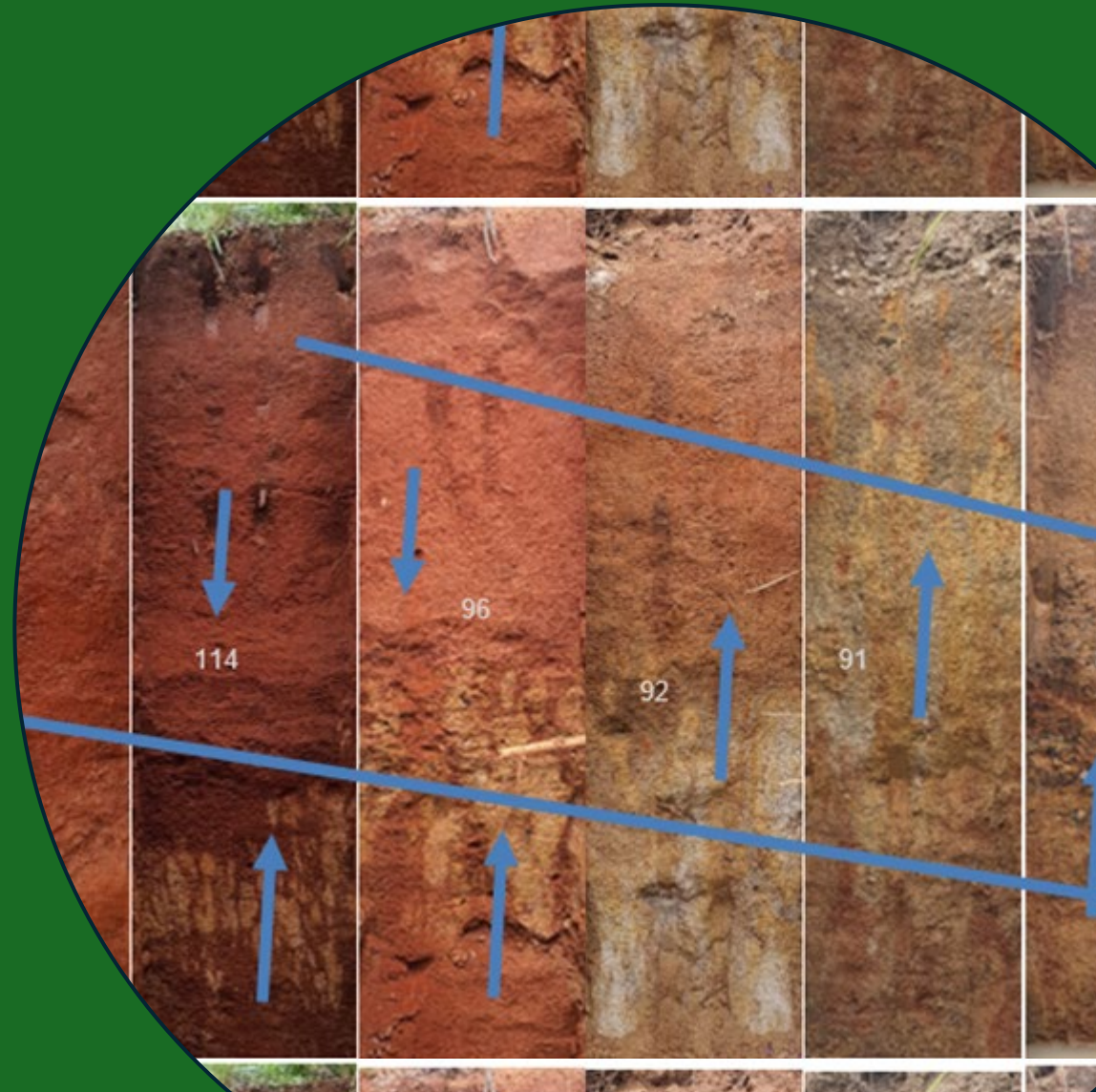
HYDROPEDOLOGICAL ASSESSMENTS

Hydropedological surveys aim to characterise dominant surface and sub-surface flowpaths of water through the landscape to wetlands and streams or groundwater. Our specialists have extensive experience in this specialised field and the skilled service and exceptional quality of reporting offered by Prism EMS is acknowledged by authorities and peers in our field.

Hydropedological assessment is done by means of:

- Identification of dominant hillslopes.
- Conceptualising hillslope hydropedological responses.
- Quantification of hydraulic properties and flowrates.
- Quantification of hydropedological fluxes.

The first two steps should be conducted for any impact assessment requiring a hydropedological survey. Step 3 and 4 will typically be required where drastic land-use change is planned e.g. open-pit mining or large developments that will obstruct lateral flowpaths.





AQUATIC IMPACT ASSESSMENT & MONITORING

Prism EMS offers assessments of the ecosystem health in aquatic environments which include rivers, streams, pans and dams. These assessments focus on biological responses to determine the ecological integrity of the aquatic system. Assessments include:

- Aquatic Bio-monitoring;
- Aquatic Studies;
- Habitat delineation;
- Water Quality Monitoring and Analysis;
- SASS 5 Accredited Macro-invertebrate Assessments;
- River Health (Integrity) Assessments;
- Fish Health and Population Dynamics Assessments;
- Aquatic Species Inventories and Monitoring;
- Toxicity Testing;
- Impact Assessments; and
- Management plans.



BIODIVERSITY ASSESSMENTS

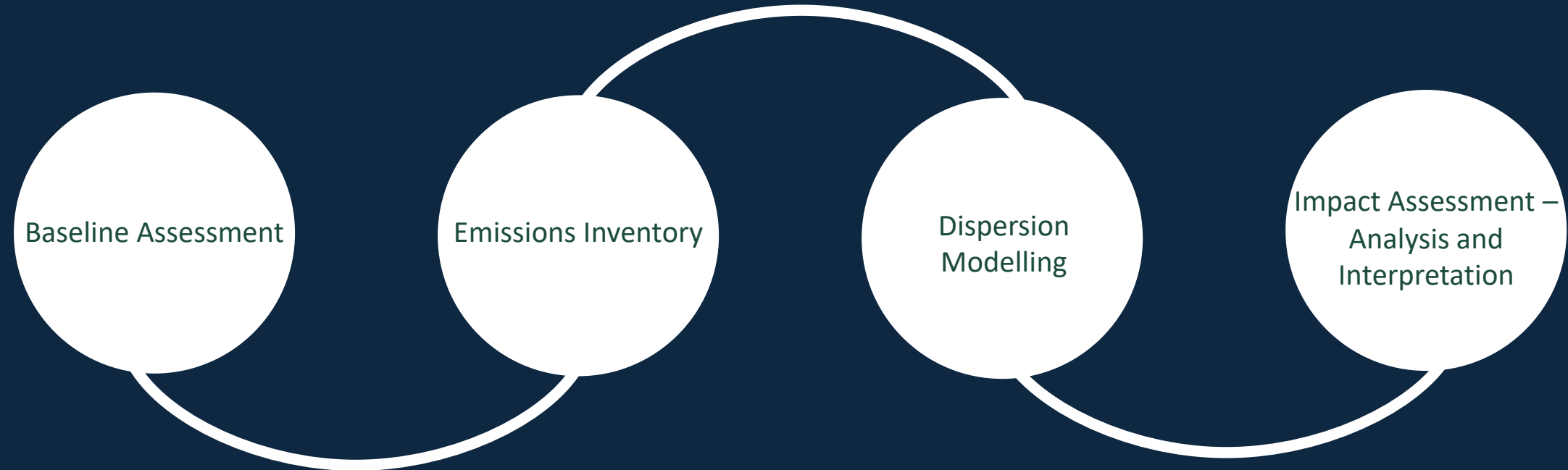
As part of the ecological and biodiversity services offered by Prism EMS, the following studies can be completed: Flora and fauna habitat surveys, particularly focusing on the possible presence of threatened species, Riparian vegetation index surveys, Ecological condition surveys, compilation of Ecological Management Plans, Biodiversity Action Plans and contributions to Environmental Management Frameworks, Wetland Assessments, Management of Rare Wetland Species etc.

A typical Ecological Assessment will consist of:

- Site survey
- Recording of any sightings and/or evidence of existing fauna and flora.
- Collecting of voucher specimens of invertebrates, where deemed necessary.
- An evaluation of the conservation importance.
- Recording of possible host plants or food-plants of fauna, such as butterflies.
- Literature investigation of possible species that might occur on site.
- Identification of potential ecological impacts that could occur.
- Recommendations to reduce or minimise impacts. A composite sensitivity map, compiled within a Geographic Information System will be included.
- An ecological management plan for any open space system will be included where relevant.
- Rehabilitation measures and proposed conditions for implementation upon approval.

AIR QUALITY IMPACT ASSESSMENT & MONITORING

These specialist assessments are completed through:



We can also assist with:

- Air Emissions License applications
- Air Quality Monitoring

JULIANA'S GOLDEN MOLE ASSESSMENT

The severely threatened “endangered” **Juliana's Golden Mole (*Neamblysomus julianae*)** is an elusive subterranean mammal that counts among the most unique and endangered, yet poorly studied endemic small mammal species of South Africa (Maree 2003).

The threatened status of the species has been elevated from Vulnerable to Endangered (Maree 2015a, 2015b; IUCN 2015) due to ever-increasing habitat loss and fragmentation due to urban development, sand mining (Bronberg), agriculture, road infrastructure (Modimolle) and road infrastructure development (Kruger National Park).

De Wet Botha is recognised as a Golden Mole Specialist. With over 20-years' experience in studying these small mammals, he is considered the go-to specialist in the Gauteng area.



Auditing Services



**Environmental
Compliance
Audits**



**Environmental
Control Officers**



Bio-Monitoring

CONTACT Us



prism@prismems.co.za



www.prismems.co.za



066 208 1585 (Office)

083 232 3042 (De Wet Botha)



Unit 1

12A Beacon Road

Poortview AH

Roodepoort, Jhb

