

Landscape Dynamics Environmental Consultants

Company Profile

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Pretoria Office

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Cape Town Office

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Representation offices

Mpumalanga and Kwazulu-Natal

About us

Landscape Dynamics Environmental Consultants is an environmental consultancy firm, established in May 1997 and has been continuously in the business of environmental impact management since that time.

We are a safe and responsible choice to supply a wide variety of services in the environmental field - from the feasibility and inception phases of the development up to authorisation stage and ultimately to the successful implementation of the conditions of both Environmental and Water Use Authorisations. Landscape Dynamics is equipped to undertake work countrywide.

Extensive experience was gained over a period of 26 years with projects undertaken in both the private and public sector. Projects include applications for EA for solar PV facilities; extension of the validity period of EAs beyond 10 years within the renewable energy sector; service infrastructure projects (i.e. electricity, water & sewage pipelines, roads and bridges), route determination of linear projects; residential and industrial townships; private resorts; filling stations; dam basin zonings (Resource Management Plans), etc.

We offer the following services

- ❖ Environmental Impact Assessment (EIA) processes
- ❖ EIAs for Wind and Solar Energy Projects, inclusive of grid connections
- ❖ Part 2 EA amendment applications for BESS, Genset and grid connections as well as extension of the validity period of EAs beyond 10 years within the renewable energy industry
- ❖ Ensure compliance with various environmental legislation, including the National Environmental Management Act, 1998 (Act Nr 107 of 1998) (NEMA), National Water Act, 1998 (Act Nr 36 of 1998); NEM: Waste Act, 2008 (Act Nr 59 of 2008); NEM: Biodiversity Act, 2004 (Act Nr 10 of 2004); National Heritage Resources Act, 1999 (Act Nr 25 of 1999) (NHRA)
- ❖ Project management (managing of project team during the authorisation stages of development)
- ❖ Route determination on linear projects with landowner negotiation
- ❖ Pre-feasibility site assessments
- ❖ Public Participation Processes/Programmes (PPP) and Social Facilitation
- ❖ Environmental Management Programmes (EMPr) for management and/or restriction of risk
- ❖ Applications for Amendment of Environmental Authorisations
- ❖ External reviews of Environmental Impact Assessments
- ❖ Confirmation letters from Environmental Departments confirming if a specific development constitutes NEMA listed activities
- ❖ Petroleum projects (Filling Station Feasibilities; EIA's and EMPr's for filling stations and depots)
- ❖ Project permitting and licensing (including Water Use License Applications (WULAs), waste licensing, biodiversity permits, etc.)
- ❖ Water Use License Compliance Inspections, External Auditing and Monitoring
- ❖ Environmental Control Officer (ECO) for On-site Compliance Monitoring and Reporting during Construction and Operational phases of project development
- ❖ Compilation of basic SHEQ (Safety, Health, Environment and Quality) Management Systems; i.e. as per Eskom requirement in compliance with ISO 14001 and ISO 19001
- ❖ 24G Rectification Applications

- ❖ Determination of setback lines
- ❖ Specialist Services through direct association with relevant specialists:-
 - Biodiversity studies (vegetation; fauna; bird impact; freshwater studies; etc.)
 - Wetland & Riparian Delineations / Aquatic Impact Assessments
 - Archaeological, Cultural-Heritage and Paleontological Studies
 - Socio-economic Impact Assessments
 - Air Impact Assessments
 - Noise Impact Assessments
 - Agricultural Impact Assessments
 - RFI Assessments
 - Visual Impact Studies
 - Landowner negotiations and Route Determinations
 - GIS Applications & Mapping
 - Geotechnical and Geo-hydrological Studies
 - Town Planning Services
 - Engineering Services (Bulk Engineering Supply; Flood Line Delineation; Traffic Studies)
 - Architectural and Landscape Architectural Services
 - Legal Reviews

Our strengths

- ✓ We have twenty-six years of continuous business experience in the environmental field – a complete list of projects is available on request.
- ✓ We have an excellent track record – approximately 250 development applications were made to various Environmental Departments throughout the country and Environmental Authorisations were issued for all of them; we have a 100% success rate.
- ✓ We are well versed in the wide spectrum of environmental legislation.
- ✓ We supply a hands-on approach and personal attention.
- ✓ We have a well-established working relationship with numerous government departments.
- ✓ We provide competitive cost estimates.
- ✓ Due to the nature of the environmental work required, we can work effectively anywhere in the country - we have offices in Gauteng and Western Cape Provinces (with representation and/or a footprint in Kwazulu/Natal, Mpumalanga, Limpopo and the North West Province)

Our project history

Significant experience was obtained over the said period of 26 years in the field of environmental management. A complete list of projects is available on request from info@landscapedynamics.co.za.

Our Clients

- ❖ Renewable Energy Developers
- ❖ State Owned Companies (i.e. Eskom, SANRAL and PRASA)
- ❖ Government Departments
- ❖ Municipalities
- ❖ Town Planners

- ❖ Consulting Engineering Companies
- ❖ Private Developers
- ❖ Petroleum Companies
- ❖ Wine Industry

SUMMARY OF PROJECTS UNDERTAKEN SINCE INCEPTION IN 1997

The complete list of projects are available on request

Type of Project	Approximate Number of Projects
Environmental Impact Assessment Projects	
Projects in compliance with the Environment Conservation Act, (Act No 73 of 1989) (1997 – 2006)	
<ul style="list-style-type: none"> • Scoping Studies • Full Scoping & Environmental Impact Assessments • EIA Exemption Applications • Other • Eskom Full Scoping & Environmental Impact Assessments • Eskom – other 	45+ 3+ 42+ 10+ 9+ 6+
Projects in compliance with regulations in the National Environmental Management Act, 1998 (Act No 107 of 1998) as amended and published in 2006, 2010, 2014 and 2017	
<ul style="list-style-type: none"> • Basic Assessments • Full Scoping & Environmental Impact Assessments • Other • Eskom Basic Assessments • Eskom Full Scoping & Environmental Impact Assessments • Eskom – other 	75+ 16+ 10+ 42+ 5+ 25+
Projects within the Renewable Energy Industry	
<ul style="list-style-type: none"> • Application for EA: Solar PV facilities • Application for EA: Grid connections (power lines and substations) • Registration according to the Standard: Grid connections • Extension of validity of EA beyond 10 years • Finalisation of EMPr's after Preferred Bidder status was awarded • Part 2 EA amendment applications (BESS, Genset and other) • Other 	5 8 9 3 6 10 12+

Compilation of only Environmental Management Plans/Programmes	
<ul style="list-style-type: none"> • Renewable Energy: Finalisation of EMPr after Preferred Bidder status was awarded • Environmental Management Programmes for Filling Stations and/or Depots 	6 6+
Water Use and Waste License Applications	
<ul style="list-style-type: none"> • Water Use License Applications • Eskom – Water Use License Applications • Waste License Application 	7+ 12+ 2
Zoning of Dam Basins (Water Utilisation Plans for State Dams)	
<ul style="list-style-type: none"> • Resource Management Plans for Dam Basins 	5
SHEQ (Safety, Health, Environment & Quality) Systems based on ISO140001 standards	
<ul style="list-style-type: none"> • Environmental Management Systems • Quality Management Systems 	3 2

B-BBEE, Registrations & Affiliations

- ✓ An Exempted Micro Enterprise (EME) with a B-BBEE Contributor Level of 4 and a 100% Procurement Recognition Level
- ✓ Registered on the National Central Supplier Database (CSD) – Unrestricted Supplier
- ✓ Registered with the Environmental Assessment Practitioners of South Africa (EAPASA)
- ✓ Registered with the International Association with Environmental Impact Practitioners of South Africa (IAIASa)
- ✓ Affiliation with ecological specialists registered with the South African Council for Natural Scientific Professions (SACNASP) for Ecological, Aquatic and Botanical Sciences
- ✓ Affiliation with heritage specialists registered with South African Society of Cultural-History (SASCH) and Association of Southern African Professional Archaeologists (ASAPA)
- ✓ Affiliation with landscape architects and visual impact specialists registered with the South African Council for the Landscape Architect Profession (SACLAP)
- ✓ Affiliation with consulting engineers registered with the Engineering Council of South Africa (ECSA)

The Team

The Environmental Assessment Practitioners (EAPs), Annelize Erasmus and Susanna Nel, were either project managers or co-responsible for the end-product of all mentioned projects undertaken by the firm (obtainable from info@landscapedynamics.co.za or on www.landscapedynamics.co.za). Numerous years of significant experience combined with the continuous attendance of training courses to stay informed of updated legislation, policies and procedures combined with good peoples' skills ensure that the team

is well-equipped as EAPs and/or Project Managers of projects of any scale. Both EAPs are registered with EAPASA.

Annelize Erasmus is the manager of the Gauteng Office situated in Groenkloof, Pretoria. She is a qualified landscape architect who obtained valuable working experience in environmental management in the Department of Water Affairs for a period of 8 years before she co-founded Landscape Dynamics Environmental Consultants with Susanna Nel in May 1997.

Susanna Nel is the manager of the Western Cape office which is situated in Cape Town. Her initial training was in marketing and business management after which she established herself over a period of 18 years in the field of environmental impact management through direct relevant experience as an EAP for both Landscape Dynamics and Dirisana Environmental & Ecological Consultants.

Megan Janse van Rensburg has been employed by Landscape Dynamics since 2021. She is currently being trained to become an EAP. At presents she provides valuable input in desktop studies, stakeholder identification and management, logistical support during site investigations and workshops; as well as in technical support in the finalisation of environmental applications. She has a basic knowledge and understanding of Environmental Impact Assessment Processes

Landscape Dynamics has strong affiliations and long-standing work relationships with professionally registered specialists – refer to ‘services offered’.

CONDENSED CURRICULUM VITAE

ANNELIZE ERASMUS

Environmental Assessment Practitioner: Pretoria Office

EAPASA Registered Environmental Assessment Practitioner (Nr 2019/1728)

Academic qualifications; Training Courses; etc.

- BL (Landscape Architecture) Degree – University of Pretoria, 1988
- “Integrated Environmental Management – Theory and Practice”; University of Cape Town, 1992
- “Principles of the Rehabilitation of Disturbed Areas”; Potchefstroom University, 1997
- Section 21(c) & (i) Water Use Authorisation Training (Department of Water & Forestry, October 2009)
- “Sharpening the tool: New techniques & methods in EIA’s (SE Solutions, 2014)
- “EIA 2014 Legal Regime Workshop” (Imbewu Sustainable Legal Specialists (Pty) Ltd, Cape Town, Feb 2015)
- “ECO Workshop : The Roles and Responsibilities of Environmental Control Officers and Site Environmental Staff” (IAIASA, May 2017)
- “2017 Amendments to the EIA Regulations Workshop” (Imbewu Sustainability Legal Specialists, June 2017)
- “Environmental Law Update Workshop” (Imbewu Sustainability Legal Specialists (Pty) Ltd, August 2017)

- “Awareness Training on Compliance requirements to the Water Use Authorisations” (Department of Water & Sanitation, October 2017)
- “Assessment Protocols in terms of Section 24(5)(a) and (h) of NEMA”, IAIASA Webinar presented by Department of Environmental Affairs, Ms D Fischer, 6 June 2019
- Appointed as Assessor of EAP Applications for registration with EAPASA (1 February 2020 to 31 January 2022)
- IAIAsa GP Branch Webinar “Impact Significance Rating in EIA: Requirements & Methods” (3 hours), 3 Nov. 2020.
- IAIAsa GP Branch Webinar “Understanding Environmental Compliance Auditing” (3 hours), 17 February 2021

Skills and Services Offered

- ✓ Environmental Project Management
- ✓ Environmental Assessment Practitioner
- ✓ Social Facilitation / Community Consultation
- ✓ Environmental Control Officer
- ✓ Water Use License Specialist

Key Working Experience

- 26 years’ experience as Environmental Assessment Practitioner
- 8 years’ experience in Integrated Environmental Management projects for water-related government projects

Landscape Dynamics (1997 up to the present)

- Established the environmental consultancy firm Landscape Dynamics in May 1997.
- Completed several dam zoning projects for the Department of Water Affairs and Forestry.
- Landscape Dynamics focusses on EIA’s for both private and government institutions.
- *Detail information on working experience since 1997 is included in the Company Profile and List of Projects undertaken by Landscape Dynamics. As Managing Member of Landscape Dynamics, Ms Grobler was project manager and/or co-responsible for the end-product of all mentioned projects (approximately 300)*

Department of Water Affairs and Forestry (1989 – 1997)

- Applications of Integrated Environmental Management during all phases of water project development
- Arrangement of numerous environmental impact workshops
- Initiated and developed the departmental processes for the zoning of dam basins (including zoning guidelines and policies) for the Department of Water Affairs and Forestry.
- Responsible for, or involved with, numerous dam zonings which include, amongst others, Roodeplaat Dam, Ebenezer Dam, Sterkfontein Dam and Wriggleswade Dam.

- Presented lectures on the recreational utilization of dam basins for the post-graduate course SHC788 Environmental Engineering for the Civil Engineering Department of the University of Pretoria.
- Co-author of the chapter on the environment in the publication “Large Dams and Water Systems in South Africa”, published by the Department of Water Affairs and Forestry, May 1994.

CONDENSED CURRICULUM VITAE

SUSANNA NEL

Environmental Assessment Practitioner: Cape Town Office
EAPASA Registered Environmental Assessment Practitioner (Nr 2019/1728)

Academic Qualifications and Training Courses

- University of Stellenbosch – B.Econ (1987 – 1989)
- Potchefstroom University (1997 & 1998)
 - “Introduction to Environmental Management”
 - “Environmental Law”
 - “Environmental Impact Assessments”
- Damelin Management School (2004): Higher Diploma in Business Management (Cum Laude)
- “Strategic Environmental Assessments for Strategic Infrastructure Projects (SIPs)” (IAIA, 2014)
- “EIA 2014 Legal Regime Workshop” (Imbewu Sustainable Legal Specialists (Pty) Ltd, 2015)
- “Western Cape Public Participation Training Workshop” (IAIA, 2016)
- SANBI BGIS Training Course (SANBI, February 2017)
- “Water Use Training: Understanding Watercourses and Managing Impacts to their Characteristics” Workshop (Department of Water Affairs, May 2017)
- EIA Regulations 2017 Workshop (Smith, Ndlovu & Summers Attorneys, August 2017)
- EIA Regulations 2017 & Screening Tool Workshop (Department of Environmental Affairs, October 2017)
- Synchronisation of WULAs and EIAs in the Western Cape (DEA&DP and DWS, October 2017)
- Development and Facilitation of Environmental Programmes (IAIASA, February 2018)

Skills and Services Offered

- ✓ Environmental Project Management
- ✓ Environmental Assessment Practitioner
- ✓ Social Facilitation / Community Consultation
- ✓ Environmental Control Officer
- ✓ Water Use License Specialist

Key Working Experience (18 years' experience as Environmental Assessment Practitioner)

October 2012 – Present: Landscape Dynamics

Established the Landscape Dynamics regional office in Cape Town

Project manager and co-responsible for all environmental contracts awarded to Landscape Dynamics

February 2006 - September 2012: Dirisana Environmental Consultants

Co-founder of Dirisana Consultants (Environmental & Ecological Consultants)

November 2002 – November 2005: 3M SA Traffic Safety Systems Division

Business Development Executive (November 2002 – September 2004)

Product Manager (October 2004 – June 2005)

Marketing Manager (July 2005 – November 2005)

January 2002 – October 2002: Intervid Limited

Manager: Environmental Division

September 1999 – May 2001: Lezanda Farms (Pty) Ltd

General farm/lodge manager

May 1997 - September 1999: Landscape Dynamics

Co-founder of Landscape Dynamics Environmental Consultants