

Environmental Impact Assessments  
Environmental Risk Assessments  
Environmental Management Plans  
Environmental Compliance Auditing  
Environmental Control Officers  
Environmental Training Packages  
Green Star SA Ecological Reports



# Ecosense

Consulting Environmentalists  
Konsulterende Omgewingskundiges

**NOW ALSO INCORPORATING THE RECENTLY  
AQUIRED BLUEPEBBLE ENVIRONMENTAL  
AGENCY IN KNYSNA**



**We have been providing professional, practical, and effective environmental consulting services since 1998**

**Based in Cape Town with a branch in Knysna.  
We work throughout Southern Africa**

**Contact us on:  
082 8551720 or [mark@ecosense.co.za](mailto:mark@ecosense.co.za)**

**[www.ecosense.co.za](http://www.ecosense.co.za)**

# Services Offered

## Environmental Impact Assessment Services



Ecosense CC is accomplished and experienced in handling various statutory applications that are required by environmental legislation, including the National Environmental Management Act (NEMA), National Environmental Management Waste Act (NEMWA), and National Water Act (NWA) as well as coordinating parallel applications for the likes of Heritage legislation, OSCA etc.

Examples of Successfully completed projects include:

*(should you require more examples or a full list of any category these will be made available on request)*

### Authorization / Permit Screening Studies

- Three Streams Hatchery & Smokehouse, Franshoek
- Topcliffe Farm, Somerset West
- Groenplaatjies pipeline, Ceres
- Stormwater infrastructure, Vanrhynsdorp
- Ink Factory, Blackheath
- CHEP Fruit Depot, Robertson
- Apartment Development, Hout Bay

### Environmental Impact Assessment Studies

- Abalone Hatchery, Hondeklip Bay
- Spier berms and wetland rehabilitation, Stellenbosch
- Flood remediation, Theewaterskloof municipality
- Maroela North Housing Development and Offsets, Kraaifontein
- Blue Downs housing, Cape Town
- Informal settlement upgrades Kalkfontein,
- Jack Muller Park, Bellville
- Molapong Aquaculture project, Saldanha Bay
- Professional team member (EAP) for City of Cape Town Housing Projects

### S24G Applications

- Woodlands dairy dam, Humansdorp
- Swarmoed farm dam, Ceres
- Vergenoegd farm, Worcester
- Duyker eiland erf, St Helena Bay
- Greenways Soetriver Weir, Strand
- Journey's End, Somerset west

## Set Back Line Applications

- Morgenster, Somerset west
- Erf 404, Clifton

## Water Use Licenses

- Penhill sewer, Somerset West
- SOILL Canola Plant, Klapmuts
- Maroela North Housing, Kraaifontein

## Waste Licenses

- Helderstroom & Buffeljags WWTW
- Faircape biodigester
- Garies landfill site

## Environmental Risk Assessments

- Abalone ranching, Hondeklipbaai
- Bloodworm risk assessment, Roman Bay, Hermanus

# Environmental Management Plans



Ecosense has vast and diverse experience in the drafting of practical and effective management plans for a wide variety of applications.

Examples of Successfully completed projects include:

*(should you require more examples or a full list of any category these will be made available on request)*

## Environmental Management Programs (EMP)

- SASF Mussel Farm, Saldanha
- Salmon Farm, Saldanha
- Finfish Farms, Richard's Bay and PE
- Oakland City mixed-use development, Cape Town
- Steenberg Gallery and Lion's Hill developments, Cape Town
- Solar Farms, Augrabies and Sutherland
- Wind Farm, Darling.

## Construction Phase Management Plans (CEMP)

- Durbanville and Milnerton Racecourse upgrades
- Various multi-unit residential developments including Burgundy Estate, Aan den Wijnlanden, Willowbrook, New Court Steenberg
- Various Camp's Bay, Clifton and Bakoven bungalows
- Various office developments including Bridge Park and Sable Road in Century City, Silo 1,2 and Dock Road Office Buildings in the V& A Waterfront
- Infrastructure projects such as Ceres Pack Store, Mount Pleasant Water Reservoir
- UCT academic buildings.

## Operational Phase Environmental Management Plans (OEMP)

- Katse Fish Farm, Lesotho
- Kenilworth Racecourse, Cape Town
- Lourens River, Somerset West
- Soralia Village, Cape Town
- Klein Welgemeend, Cape Town
- Summervale, Gordons Bay
- Atlantic Beach residential estates, Cape Town
- Bilton Wine Farm, Stellenbosch

## Standard Operating Procedures (SOP)

- Grinaker LTA (ISO 14001), Cape Town
- Bobcrete Dust Management Plan, Cape Town
- Road Mac Civil Contractors; Cape Town
- Stone Age Gabion contractors, Cape Town

## Environmental Management Systems (EMS)

- Compliance Monitoring System, Cape Town Stadium
- Compliance Monitoring System, Greenpoint Common, Cape Town

## Environmental Compliance Auditing & Site Management



Ecosense offers Environmental Compliance Auditing and Site Management including the provision of independent Environmental Control Officers (ECO) during construction projects, Environmental Site Management support to Contractors e.g. Designated Environmental Officer (DEO) and the auditing of operational facilities and developments against their environmental management targets and programs. Successfully completed projects include:

*(should you require more examples or a full list of any category these will be made available on request)*

### Environmental Control Officer (ECO)

- Large infrastructure projects including 7 contracts of the Rapid Transit System, Cape Town
- 15km Ground Water Pipeline and associated Bio-filtration Plant, Hemel & Aarde Valley
- Solar Farms, Darling Wind Farm and Touwsrivier
- Upgrade of Durbanville & Milnerton Racecourses; Cape Town
- Large developments including Big Bay suburb, Kenilworth Racecourse, Cape Town Stadium,
- Clara Anna Fontein Estate; Durbanville
- Low cost housing including N2 Gateway Boystown, Kleinmond, Hazendal, Morkels Cottages, Delft, Hermanus and Hawston Subsidized Housing;
- Residential housing estates such as Burgundy Estate, Garden Cities Pinehurst and Sunningdale developments, Lourens river Estate; Western Cape
- River flood repairs; Greyton, Genadendal,
- Harold Porter Botanical Garden, Kleinmond.

### Designated Environmental Officer (DEO)

- Grass Ridge Wind Farm, Eastern Cape
- Chaba and Waainek Wind Farms, Eastern Cape
- Umzali Civils projects, Cape Town

## Operational phase Audits

- Katse Fish Farm, Lesotho;
- Sanlei Fish Farm, Lesotho 2020
- Large mixed-use sites including Kenilworth Racecourse, Cape Town
- Vergenoegd farm in Worcester
- Residential housing estates including Atlantic Beach Golf Estate, Soralia Village, Sunrise Villas, Kanonberg Estate, Croydon Vineyard and Olive Estates, Cape Town

## Environmental Training Packages



Ecosense offers customized Environmental Training Packages.

Successfully completed training packages presented include:

*(should you require more examples or a full list of any category these will be made available on request)*

### Environmental Control Officer (ECO) Training

- City of Cape town 3-day course for Environmental Control Officers (2011 to 2015),
- Coega IDZ "Train the Trainer" Training for ECO's

### Designated Environmental Officer (DEO) and Estate Manager Training

- Road Mac SHE management staff
- Clara Anna Fontein and Big Bay Estates
- Triamic SHE management staff

### Construction Site Workforce Environmental Inductions

- Numerous construction sites in conjunction with ECO services

## Green Star Ecological Reports (Christine Rabie, an independent industry associate, undertakes this with our team)

Ecosense has provided ecological reports to confirm that the conditional registration requirements are met for Land Use and Ecology (ECO-o) as well as doing the land type assessments for the Change in Ecological Value calculator on projects for the purposes of Green Star SA registration.

Examples of Successfully completed projects include:

- Santam Head Office, Durbanville
- Chevron Head Office, Cape Town
- Aurecon Head Office (Phase 2), Cape Town
- UCT Lecture Hall, Cape Town
- Karl Bremer Hospital Admin Building, Cape Town
- CTICC East Building, Century City
- Convention Centre, Cape Town
- Golf Air Park, Cape Town
- Sandton Village Walk Mall, Sandton
- No 1 and 2 Silo and Dock Road Buildings in the V&A Waterfront, Cape Town.

# Ecosense Team



## Mark Sasman

### Chief Executive Officer

National Diploma in Nature Conservation with more than 14 years' experience in provincial nature conservation (Natal and Cape); over 20 years' experience in Integrated Environmental Management and Aquaculture development.

### Professional Registrations:

South African Council for Natural Scientific Professions (SACNASP) – Environmental Science: Registration: 400185/04,

International Association for Impact Assessment South Africa (IAIA) – Membership No 704



## Kozette Myburgh

### Director: Environmental Impact Assessment

Masters (LLM) Degree in Environmental Law (University of Cape Town); MPhil in Community and Development (University of Stellenbosch); BA majoring in Anthropology and African Politics (UNISA). Extensive experience in financial and project administration. More than 12 years' experience in environmental impact assessment and management, and a further 11 years' experience in social research and community / public participation, monitoring and evaluation.

### Professional Registrations:

International Association for Impact Assessment South Africa – Membership No 2677

Environmental Law Association member

Registered Environmental Assessment Practitioner: Number 2019/1346



## Michelle Sasman

### Chief Financial Officer

Over 30 years' experience in environmental process administration, company administration, financial management and accounting.



## Ernest Fortoh

### Environmental Control Officer

He has a Masters (MPhil) Degree in Environmental Management and a Bachelor of Technology Degree in Environmental Management and has completed the Health and Safety, IRCA - Modern SHEQ/ Risk Management Course. Ernest has more than 11 years' experience in environmental management, monitoring and compliance auditing, as well as assisting on EIA applications.

### Professional Registrations:

South African Council for Natural Scientific Professions – Registration: 400170/14



## Vincent Masefield

### Environmental Control Officer

Vincent has a BA majoring in Geography and Environmental Science, BA(Hons) in Environmental Water Management and a MSc in Geography. He has more than 5 years' experience in environmental management, monitoring and compliance auditing as well as assisting on EIA applications and Water Use Licence applications. His primary interests involve aquatic ecosystem assessments and monitoring. He has research experience in estuarine and freshwater quality assessments, wetland assessments, sediment tracing/dating assessments and using Geographic Information Systems to undertake spatial analysis assessments.

### Professional Registrations:

International Association for Impact Assessment South Africa – Membership No 5384



## Nolufefe Mzondi

### Assistant Environmental Practitioner

Nolufefe has an ND & B-Tech: Environmental Management (Cape Peninsula University of Technology) and has more than 3 years of working experience in the Environmental field. Her interests are in Environmental Impact Assessments (EIA). She has experience in Geographic Information Systems (map production), Health and Safety Management, Environmental Conservation and compliance monitoring as well as Environmental Impact Assessment.

### Professional Registrations:

International Association for Impact Assessment South Africa – Membership No 6707

# Our Network of Independent Industry Associates

Our network of independent industry associates includes, but is not limited to:



## Christine Rabie

Christine, a former director of Ecosense, has a National Diploma in Landscape Technology; Bachelor of Technology Degree in Environmental Management and certificates in Aquaculture, Alien Invasive Species Control (SAGIC) and the Health and Safety (IRCA - Modern SHEQ/ Risk Management). More than 17 years' experience in Environmental Site Management (ECO), drafting of Environmental Management Plans, environmental awareness training and environmental compliance auditing. Over 7 years' experience in landscape design, construction, maintenance, materials procurement, and quantity surveying.

### Professional Registrations:

South African Council for Natural Scientific Professions – Registration: 400055/17; International Association for Impact Assessment South Africa – Membership No 3963, Green Star SA Accredited Professional (New Buildings)



## Errol Cerff

With a BSc Environmental Biology (Cell Biology), B.Sc. (Hons) Estuarine ecophysiology and a MSc. Estuarine ecophysiology, Errol is a qualified environmental auditor with over 25 years of experience in auditing a range of activities from post construction audits to manufacturing and mining concerns. Errol is also an experienced environmental risk assessor and has designed environmental management system for several diverse companies.

### Professional registrations:

South African Council for Natural Scientific Professions Reg. Number 400047/12; The Institute of Waste Management South Africa; International Association for Impact Assessment South Africa



## Erik Botha

With the qualifications B.Sc. in Botany and Entomology, Basics of Environment Auditing for the Business Manager, Certificate in auditing, Advanced environmental auditing and management system design, Basic facilitator skills development, IRMSA Ongoing Training, Principles of Risk Management and over 20 years' experience in the field of environmental management, Erik's experience base covers a wide range of environmental management activities but his primary fields of expertise are environmental auditing and environmental risk assessment. His experience base also includes the development and implementation of environmental management plans and environmental management systems.



## Ingrid Eggert

With a BSc in Environmental Management Ingrid is a qualified environmental consultant with over 10 years' experience in undertaking Environmental Impact Assessments, public participation processes, opportunities and constraints analyses, strategic environmental input as well as compliance and due diligence audits of environmental aspects during the construction and operational phases of projects.

### Professional registrations:

International Association of Impact Assessors South Africa; The Institute of Waste Management South Africa

Registered Environmental Assessment Practitioner: Number 2019/805



## Anna Smit

Anna has a National Diploma in Landscape Technology, B. Tech in Environmental Management and has completed the Health and Safety, IRCA - Modern SHEQ/ Risk Management Course. More than 10 years' experience in in environmental management, monitoring and compliance auditing as well as assisting on EIA applications.



## Werner Nel

Werner Nel graduated with a BSc and BSc (Honours) from the University of Port Elizabeth and a Masters in Zoology from the University of Stellenbosch. In 2016 he started W Nel Environmental Consulting Services. He has experience in environmental management, rehabilitation, and restoration of degraded landscapes, Environmental Management Systems (EMS), including ISO 14001 and in environmental compliance auditing and site monitoring especially in the arid West Coast environment. He has gained environmental experience within various industries including construction, linear projects, mining, wine industry, manufacturing and retail and provided various services within these. His specialty within the fields of Mine Rehabilitation, Mine Closure, Environmental Management and Environmental Auditing enables him to add a holistic approach to projects.



## Adri Meyer

Adri has a BSc (Agric) Conservation Ecology and a MPhil Marine and Environmental Law. She has 5 years' experience in environmental consulting, including conducting EIAs, compliance auditing and environmental management, specifically in the waste and agricultural industries.



## Johann Venter

has a degree in Environmental Management majoring in Assessing Environmental Impacts and a degree in Law. ISO Certification done in both EMS (ISO14001) and QMS (ISO9001) for Requirements, Implementation, and Internal Auditor from the British Standards Institute by Royal Charter.

His focus areas are Environmental Solutions & Compliance, specialising in clarifying the often complicated and multi-faceted convergence area between law, business, and the environment.



# Important Registrations

## Copies available on request:

PROFESSIONAL INDEMNITY INSURANCE	ITOO Special Risks (Pty) Ltd SPL/SLFG/000012821 – Certificate 17961 R2,500,000 each and every claim
WESTERN CAPE APPROVED SUPPLIER DATABASE	Registration Number: QGEBZXJTRW
SARS TAX CLEARANCE	PIN: 99F1829186
COID	Reference Number: 990000012120
BEE VERIFICATION - Status: Level 4 SMME	Affidavit
NATIONAL CENTRAL SUPPLIER DATABASE	Reference: MAAA0006298 Reg No.: obbee411-486b-4d28-a269-f07bdf26d310
SETA Sector: 23	Sic Code: 88141