

CURRICULUM VITAE

Company	ARCUS GIBB
Name	Dirk Willem PRINSLOO
Nationality	South African
Date of Birth	07.01.1965
Profession	Environmental Consultant
Position	Senior Environmentalist
Specialisation	Biodiversity & Conservation Management
Start date with ARCUS GIBB	2006 – Contract staff member

Key experience

An environmental consultant with 16 years experience, including 13 years experience in protected areas and GIS management with Provincial Nature Conservation authorities. Dirk Prinsloo was previously based at the DEAE&T Head Office in the posts of Deputy Director: Research and Manager (Deputy Director): Biodiversity Conservation Management.

His key experience includes:

- **Biodiversity Conservation**
 - **Environmental GIS Projects**
 - **Management of Environmental Impact Assessments (EIAs)**
 - **Environmental Management Plans (EMPs)**
 - **Nature Reserve Management and Planning**
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Qualifications

Masters (Environmental Management) : Free State University, 2000
Bachelor in Technology (Nature Conservation) : Port Elizabeth Technikon (Saasveld), 1997
National Diploma (Nature Conservation) : Pretoria Technikon, 1987

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Career summary

July 2006 to
date

ARCUS GIBB – Senior Environmental Scientist

An environmental consultant active in Environmental Impact Assessments, Environmental Monitoring, Environmental Management Programmes, Environmental Management Systems and GIS Analysis.

Current Projects include:

- Project Leader, Review of ECA EIA application backlog for Free State Province - 2007 - 2008
- Project Leader, Basic Assessment for Haven Hill Cemetery Expansion - 2006;
- Project Leader, Scoping process for potable and effluent pipelines for Gqunube Valley Golf Estate - 2007 – 2008
- Project Leader, Amalinda Nature Reserve Feasibility Study – 2007 -2008
- Integrated Reserve Management Plans for five Ezemvelo KZN Wildlife Nature Reserves - 2007 - 2008
- Project Leader, Basic Assessment for Tsolwana 66 kV substation and power line - 2007;
- Project Leader, Environmental Feasibility study for resort development at Hamburg - 2007;
- Senior Environmentalist, Scoping and environmental impact assessment for Kwankwebu inter basin water transfer canal/pipeline - 2007 - 2008; and
- Project Leader, GIS assessment of Open Space for Buffalo City Municipality - 2008

Feb 2005 to
June 2006

Environmental and GIS Consultant

Projects include:

- Environmental GIS specialist and reserve management planning for the Eastern Cape Nature Reserves Planning Consortium, which was responsible for drawing up management, plans for 18 Provincial Protected on behalf of the Eastern Cape Parks Board and 9 Reserve Management Plans on behalf of Cacadu District Municipality.
- Environmental GIS specialist for ARCUS GIBB/Amathole District Municipality Environmental Management System and Plan
- Nature Reserve management planning
- Terrestrial ecology research
- Ecological specialist input in support of EU – DEAT Wild Coast Tourism Infrastructure Development Project
- Environmental impact analysis, visual impact assessments and project management
- GIS mapping, analysis and interpretation of environmental data

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Aug 2004 to
Jan 2005

DEAE&T, Eastern Cape - Manager (Deputy Director), Biodiversity Conservation Management

Duties included:

- Chairman of Provincial Biodiversity Management Committee
- Member of National DEAT Working Group 1 : responsible for co-ordination of all biodiversity issues
- Project manager for the Strategic Assessment of Biodiversity in the Eastern Cape and Historical Occurrence of Medium to Large Herbivores in Provincial Nature Reserves, preparing terms of reference, awarding projects to service providers, ensuring that deliverables conform to provincial objectives and requirements
- Systematic conservation planning/bioregional planning projects, such as STEP (Subtropical Thicket Ecosystem Planning) and MDTP (Maluti-Drakensberg Trans Frontier project)
- Provincial representative of MDTP task team for IT systems, biodiversity and conservation planning
- Responsible for drawing up conservation and expansion strategy for !Xhariep Trans Boundary initiative
- Responsible for all GIS (Geographical Information System) projects in Chief Directorate, such as creating GIS database and generating shape files of vegetation in certain Provincial Nature Reserves
- Provincial Biodiversity and GIS representative to National Conservation Assessment (later NSBA - National Spatial Biodiversity Assessment), which is part of NBSAP (National Biodiversity Strategy and Action Plan)
- Specialist input into projects such as CSIR SEA (part of Wild Coast Sustainable Use Project), DWAF Strategic Environmental Assessment for Water Management area 12 and Amathole District Municipality Environmental Management Plan and System
- Represent the Directorate: Biodiversity Conservation Management, in provincial protected areas management planning projects such as the EU/WWF Wild Coast Program
- Ensure that biodiversity management principles were adequately addressed in EIA's such as the Kei Rail project and wastewater treatment options for the Amalinda, Haven Hills, Scenery Park, Wilsonia and Alphendale areas
- Guide Provincial Conservation Management Planning and ensure province is in line with national and international norms
- Institutionalise use of GIS in Chief Directorate

Jan 2002 to
July 2003

DEAE&T, Eastern Cape – Environmental Researcher (Deputy Director)

Duties included:

- Project management of research projects : GIS analysis and report on Status of Oribi in the Eastern Cape, management plans of Eastern Cape Provincial Nature Reserves

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- Participation in research projects : WRC/INR (Water Research Commission/ Institute of Natural Resources) Eastern Cape estuary project
- GIS specialist work including setting up of environmental database for DEAE&T and GIS projects such as creating and verifying CAE (Certificate of Adequate enclosure) database
- Drawing up of environmental impact guidelines and constraints for the DEAE&T – ECTB Nature Reserve investment process.

2000 to 2002 **DEAE&T, Environmental Affairs, Eastern Cape** – Manager, Waters Meeting Nature Reserve

Duties included:

Ecological Management

- Game Management and setting up of monitoring programs
- Coastal Ecosystem Management for reserve
- Assisted with game farm planning, veld condition assessment, determination of stocking rates and other ecological management actions in area surrounding the Reserve
- Game capture of various species such as Buffalo and Hippopotamus
- Setting up vegetation monitoring programs
- Alien vegetation control and setting up of alien vegetation management program
- Erosion control, fire management, solid and liquid waste management

Environmental Impact Management

- Environmental Impact Assessments involved with included construction of new Eskom power lines, new fuel holding facilities at Port Alfred Airport, construction of dams and tourism infrastructure developments in the area surrounding Waters Meeting Nature Reserve

Financial Management

- Responsible for managing the yearly financial budget, purchases and stock and inventory control

Tourism Management

- Development of new facilities and maintenance of existing facilities. Also responsible for public liasing and environmental education

Personnel Management

- Compliance to Labour Relation Act, Supervision of staff, planning of leave, disciplinary procedures and administration duties related to staff

June 1997 to Dec 1999 **Mkambati Nature Reserve (Environmental Affairs), Eastern Cape Province** – Manager

Ecological Management

Duties included:

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- Responsible for annual game census and removals and specie management
- Responsible for veld and vegetation management. Mini-thesis, "The role of fire in the life cycle of *Leucadendron pondoense*", highlighted that our perception of veld management must shift from previous agriculturally based management actions to more ecologically based actions that take the reproductive needs of endemic plants into consideration
- Responsible for coastal management of reserve and satellite stations

Financial Management

- Responsible for managing the yearly financial budget, purchases and stock and inventory control

Environmental Impact Management

- EIA applications for mining of heavy mineral deposits in coastal dunes
- Small scale plantation projects
- The Wild Coast Spatial Development Initiative
- Co-management of natural resource project funded by European Union
- Tourism management and development of new facilities
- Maintenance of existing facilities, public liaison and environmental education

April 1994 to
June 1997

East London Coast Nature Reserves (Environmental Affairs), Eastern Cape Province - Section Manager

Duties included:

Ecological Management

- All aspects of ecological management, waste management and rehabilitation management
- Presented courses to Fort Cox College in relation to Game Management and Problem Animal Control
- Game capture of most species that occur in the Eastern Cape

Environmental Impact Management

- EIA applications for rezoning of land and land use planning

Financial Management

- Responsible for managing the yearly financial budget, purchases and stock and inventory control

Tourism Management

- Development of new facilities and maintenance of existing facilities, public liaison and environmental education

Jan 92 to April
1994

Game Farm, Mkushi (Semi-Precious Stone Mine in Zambia) – Partner

Invested in property on the Luangwa escarpment. Started to develop the property into a game farm and obtained mining rights (semi-precious stones) on said property. Due to a lack of capital the project was not financially viable

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1990 to 1992 **Business in Bloemfontein, South Africa** - Partner

Aug 88 to Jan 1990 **Travel in UK and Europe** – Student Working Visa

Dec1986 to Aug 1988 **Tussen die Riviere Game Farm (Orange Free State Provincial Administration)** – Nature Conservator

Ecological Management

Responsibilities included monitoring of game and vegetation : involved with various research projects:

- Karoo Paralysis Tick research (UOVS and BAYER)
- Porcupine and Aardvark research (UP)

During the winter months thousands of head of game were culled or hunted by public hunts. Involved with:

- Game counts and game removal proposals for various Reserves in the Free State
- Capture of game on Reserve in the Free State

Language capability

	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent

Signature

Date:
