

CURRICULUM VITAE

ADIE (nee' Daines) ERASMUS Pr. Sci. Nat.

Educational qualifications

B. Sc (Botany and Zoology): University of Port Elizabeth, 1987

B. Sc (Hons) (Botany): University of Port Elizabeth, 1989

M. Sc (Botany): University of Port Elizabeth, 1991

Registered as a Professional Natural Scientist (ecological and botanical scientist) with the South African Council for Natural Scientific Professions (Registration number: 400078/96).

Specialisation

Ecological surveys (including wetlands) and monitoring, vegetation-land use mapping, urban open space planning, coastal zone planning and management, coastal ecology. The co-ordination of the environmental impact assessment process, including public participation. The compilation of environmental reports and environmental impact assessment reports. Evaluation of environmental management programme reports and environmental impact assessment reports.

Total years of environmental experience

22 years

Professional Qualifications

- Courses attended as part of the Danced Training Programme in Environmental Management Governance:
Environmental Management,
Environmental Law,
Environmental Management in Industry,
Environmental Impact Assessment,
EMS systems,
Monitoring Systems and Equipment,
Environmental Standards and Guidelines.
- Successfully completed the Environmental Auditing Course presented by SENRIO (Centre for Regional Development), University of Potchefstroom.
- Member of the South African Mbeki-Gore Binational Commission delegation: Mining Study Tour to the USA (13 August – 5 September 1998).

Employment History

July 1999 – present: Managing member: Clean Stream Environmental Services: Coalfields cc

1996 – June 1999: Environmental Officer, Environmental Management (Impact Management), Department of Environmental Affairs and Tourism (Mpumalanga), Witbank.

1994 – 1995: Environmental Officer, Wetland Conservation Programme, Department of Environmental Affairs and Tourism, Pretoria

1991 – 1993: Contract Researcher, National Botanical Institute, Kirstenbosch, Cape Town.

1989: Temporary Research Assistant, Coastal Dunes Programme, Botany Department, University of Port Elizabeth, Port Elizabeth.

Professional Experience

- Experience and training in the conducting of vegetation surveys (including wetlands) and the production of vegetation-land use maps.
- Experience and training in coastal ecology and coastal zone planning and management.
- Experience in urban open space planning.
- The co-ordination and implementation of the Environmental Impact Assessment Regulations, 2010, Environmental Impact Assessment Regulations, 2006 and Environment Conservation Act, 1989 (i.e. since the implementation of the first EIA regulations in 1997).
- The compilation and evaluation of the following documentation: basic assessment reports, scoping reports, plan of study for environmental impact assessments, environmental impact assessment reports and environmental management plans.
- Overall project management (including client/government liaison) with regards to the compilation of environmental impact assessments (i.e. basic assessments, scoping, environmental impact assessment, environmental management plans, authorisations).
- The compilation of Section 24G applications (i.e. rectification of illegally commenced with activities).
- The compilation of waste management licence applications in terms of the National Environmental Management: Waste Act 2008 (Act 59 of 2008).
- Facilitating water use licence applications in terms of the National Water Act, 1998 (Act 36 of 1998) including the compilation of Integrated Water and Waste Management Plans (IWWMP's).
- The compilation of prospecting right applications (including the required Environmental Management Plans) as required in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002).
- The compilation and evaluation of environmental management programme reports (EMPR's) in terms of the Minerals Act, 1991 and the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002).
- Overall project management (including client/government liaison) with regards to the compilation of environmental management programmes for mining companies (i.e. mining right applications, scoping, environmental impact assessment, environmental management plans/programmes, authorisations).
- The compilation of performance assessment reports as required in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) (including the actual auditing and environmental legal compliance auditing).
- Facilitating and managing public participation as required in terms of the Environmental Impact Assessment Regulations, 2010 and the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002).
- The compilation of environmental due diligence reports for mining companies.
- The compilation of environmental audit reports in order to determine environmental compliance.
- Performing the Environmental Control Officer (ECO) function on construction sites.

Research projects:

Daines, A. 1993. Cape Metropolitan Area: West Coast Environmental Survey. Prepared for the Regional Planning Department, Western Cape Regional Services Council.

Daines, A., J. Adams and G. C. Bate. 1992. Vegetation of the Cape St. Francis bypass dunefield. Institute for Coastal Research Report no. 27.

Daines, A. 1991. The status of barrier dunes along the Eastern Cape coastline, South Africa. M.Sc Thesis. University of Port Elizabeth.

Environmental Reports Compiled:

Please refer to the attached lists (Annexure 1 and 2) with regards to environmental reports compiled to date.

Professional Society Affiliations:

South African Council for Natural Scientific Professions
International Association for Impact Assessment (SA) (IAIA (SA))

Training and mentorship

Over the years, I have mentored and trained a number of persons (R. Janse van Rensburg, J. van Driel, L. Richards – see attached project lists, Annexure 1 and 2) with regards to conducting Environmental Impact Assessments.

Ms. Riana van Rensburg who has worked for the company for more than 10 years received her Masters in Environmental Management from the University of Free State in 2012. I acted as her mentor during the said studies particularly with regards to her mini-thesis.

Contact details:

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