

Peter Teurlings

Profile

An experienced professional environmental scientist with a sound working knowledge of the environmental field, as well as in the engineering, town planning, socio-economic, and water chemistry fields. He is a registered professional natural scientist and has worked at the national Department of Environmental Affairs and Tourism, Stewart Scott International, Bohlweki Environmental and Teurlings Environmental. Peter was an external examiner for MA and MSc degrees at the North West University and a guest lecturer at the Department of Geography, Environmental Management and Energy Studies at the University of Johannesburg until 2011. He has been involved in project management of mainly environmental projects since 1995, and responsibilities include compiling environmental impact assessment reports and environmental management plans, environmental technical coordination of engineering projects, peer reviews, environmental assurance, as well as education and training of previously disadvantaged communities.

Experience and skills

BKS (Pty) Ltd, Technical Director, 2005 to date

Head: Environmental Management Department for 17 staff, Environmental Assessment Practitioner and Project Manager responsible for a variety of projects including linear (transmission lines, pipelines, railway lines, roads) and petrochemical developments, as well as compliance monitoring of EMPs for the construction and/or operation thereof. Responsible for financial management, marketing and planning of projects within the Department.

Part-time Lecturer, University of Johannesburg, 2004 to 2011

Appointed part time guest lecturer in August 2004 to teach Masters and Honours students the subjects of Environmental Compliance of EIA Regulations, Environmental Monitoring and a Business Approach to the Environment, in the Department of Geography and Environmental Studies at the University of Johannesburg.

Senior Environmental Practitioner and Member, Corporate Ecological Solutions International cc, 2002 – 2005

Founder member of Corporate Ecological Solutions International cc (CESI). CESI offered a wide range of integrated environmental management services with the aim of promoting the principles of sustainable development and providing a safe, healthy and regulated environment for the corporate and community sectors of Southern Africa.

Environmental Scientist and Sole Member, Teurlings Environmental cc, 1998 - 2005

Founder member of Teurlings Environmental. Provide environmental and project management services and undertake projects in the following areas of expertise: Integrated Environmental Management, Environmental Impact Assessment, Urban Ecological Environment, Environmental Planning, Low Cost Sanitation, Environmental Legislation and Guidelines, Water and Wastewater Management, and Environmental Monitoring.

Senior Environmental Scientist, Environmental Management Unit - Bohlweki Environmental (Pty) Ltd, 1997 - 1998

Project Leader for various environmental projects, mainly specialising in urban development, wastewater infrastructure and water treatment plants. Responsibilities include project management (including sub-consultants), procurement of environmental work, compiling environmental impact assessment reports and environmental management plans, assisting in public involvement programmes, environmental legislative reviews as well as education and training of previously disadvantaged communities.

Environmental Specialist - Environmental and later Development Divisions - Stewart Scott Incorporated Consulting Engineers, 1993 - 1997

Overseeing and managing up to 10 staff. Provide technical support for projects in the following areas: Integrated Environmental Management, Urban Environment, Environmental Planning, Urban Ecology, Geographical Information Systems, Cultural Resource Management, Environmental Impact Assessment, Environmental Legislation, Low Cost Sanitation and Informal Settlements.

Environmental Officer - Department of Environmental Affairs & Tourism, Pretoria, 1992 - 1993

Set guidelines for planning and conservation aspects related to environmental quality and the quality of life of the urban environment; provide inputs to the formulation of overhead policies related to planning and conservation criteria of the urban environment; and publish articles on urban and related environmental criteria for Departmental publications.

Assistant Environmental Officer - Department of Environmental Affairs & Tourism, Pretoria, 1989 - 1992

Determine research criteria and priorities in the field of the urban environment, initiate and evaluate research projects ("Soil deterioration in Informal Settlements in Natal", "Urban Agriculture in South Africa", "The Nature, Causes and Consequences of Informal Settlements in the Eastern Cape") and Secretary for various Departmental and Interdepartmental Committees and Workshops.



Position

Technical Director
Head: Environmental Management Department

Year of birth

1961

Nationality

Belgian

Languages

English, Dutch and Afrikaans – Excellent
French - Fair

Qualifications

B.Sc. Earth Sciences (UoJ)
B.Sc. (Honours) Geography (UoJ)
M.Sc. Biogeography (UoJ)
B.Sc. (Honours) GIS (UoJ)
Project Management Foundations (CESA)

Membership

South African Council for Natural Scientific Professions
International Association of Impact Assessments, South African chapter
Environmental Assessment Practitioners Association of South Africa
Environmental Law Association
South African Chefs Association

Key skills

Environmental Assessment Practitioner
Environmental Coordination of Technical Projects
Environmental Assurance
Peer review



SUMMARY CV

Selected projects

Project Manager/Director for environmental impact assessments (EIA), environmental management programmes (EMPr) and/or related studies for the following nuclear and energy projects:

- The Construction of the Firgrove to Mitchell's Plain 400kV double circuit Transmission power line and Mitchell's Plain Substation
- The Construction of the Mitchell's Plain to Philippi 400kV single circuit Transmission power line and upgrading of the Philippi Substation
- The upgrade of the Chloorkop-Northrand-Esselen Transmission Power Lines and Substation, Kempton Park for Eskom Transmission.
- The Construction of the Majuba-Umfolozi 765 kV Transmission Line for Eskom. Responsible for financial management and peer review of all environmental documentation. The EIA Report was approved by DEAT in December 2006.
- The Construction of the Umfolozi-Empangeni 765 kV Transmission Line and a new substation (in terms of the NEMA EIA Regulations) for Eskom. Responsible for financial management and peer review of all environmental documentation.
- The Deviation of the Majuba-Umfolozi 765kV Transmission Line for Eskom. Responsible for financial management and peer review of all environmental documentation.
- Development of an operational and maintenance environmental management programme for the 300 km long Komati Water Scheme pipelines for Eskom Primary Energy.
- Compliance monitoring of the EMP for the construction of a 400kV Transmission line from the Ferrum substation near Sishen to the Mercury substation near Orkney, including the construction of both substations for Eskom.
- Fatal flaw and alternatives study, including public participation, for the Project Lima Pumped Storage Scheme in the Steelpoort valley in the Limpopo Province for Eskom.

Application for the rectification of unlawful commencement or continuation of a listed activity in terms of S24G of the National Environmental Management Act, 1998 (Act No. 107 of 1998) for the Deviation of 2x400kV Transmission Power Lines near the Majuba Substation in order to accommodate the 765kV Majuba-Umfolozi Transmission Power Line on behalf of Eskom.

Independent External Review of:

- the Sol 400/132 kV Integration and Loop-in/Loop-out Power Lines Scoping Report and Plan of Study for EIA for Senkosi Consulting cc on behalf of Eskom.
- the Upgrade of the Final Scoping Report Incandu Substation in the Newcastle Area in KZN for Baagi Environmental Consultancy cc on behalf of Eskom.

Compilation of a background information document for the proposed development of a Pebble Bed Modular Reactor (PBMR) at three coastal sites in South Africa for Poltech and Afrosearch.

Supplementary information

Author or co-author of over 100 technical reports and papers.

