

# **CURRICULUM VITAE: JW NONKA BYKER**

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#### PERSONAL DETAILS

**Date of birth:** 4 September 1977

**Nationality:** South African

Languages: Afrikaans and English

# **EDUCATION**

**Tertiary Qualifications:** B.Psych. (Adult Mental Health) (Pretoria, 2003)

NQF Assessor (IPD, 2005)

Countries of work experience:

South Africa, Botswana, Zimbabwe, Namibia

# **KEY QUALIFICATIONS**

Nonka is a social specialist with approximately 4 years experience in the field. She specialises in the assessment of potential social impacts, which includes the collection and analysis of data and superimposing a proposed project on such a baseline profile to determine the potential social impacts from which mitigation measures can be developed. In total, she has spent approximately 11 years in the social development field, of which 7 years were spent as a public participation consultant. Nonka further specialises in the compilation of Social and Labour Plans, which entails the collection of data and processing such data according to the guidelines set forth by the Department of Minerals and Energy.

Apart from her experience in the social development field, Nonka is also a qualified NQF Assessor within the ambit of the Health & Welfare SETA, and has limited experience (approx. 2 years) within the HWSETA training field, as training material developer, facilitator and assessor.

	WORK EXPERIENCE
lune 2009 to date	MasterQ Research: Director
January 2007 – May 2009	MasterQ Research: Research Executive
July 2004 – December 2006	Independent Consultant
February 1998 – June 2004	Afrosearch: Public Participation Consultant
April 1997 – January 1998	Social Dimension: Administrative Assistant

# MEMBERSHIP OF PROFESSIONAL BODIES

- 1. Health Professions Council of South Africa (PRC0000396)
- 2. International Association of Impact Assessors, South African branch (ID 2265)

#### PROJECT EXPERIENCE

# **Social Impact Assessments on behalf of MasterQ Research:**

- 1. Socio-Economic Assessment for the Metsweding District Municipality Environmental Management Framework (EMF) (Client: Metsweding District Municipality, Project Manager: Bohlweki-SSI Environmental).
- 2. Basic Social Assessment for the proposed 220kV sub-transmission line between the Agganeis substation and the Paulputs substation in the Northern Cape Province (Client: Eskom Transmission, Project Manager: Bohlweki-SSI Environmental).
- 3. Socio-Economic Impact Assessment for the proposed Concentrated Solar Plants and Photovoltaic Plants in three regions of the Northern Cape (Client: Mainstream Renewable Power, Project Manager: SiVEST).
- 4. Social Impact Assessment for the proposed The Rest Substation and associated 132kV distribution power line between the existing Hilltop substation and the new The Rest substation in the Nelspruit area, Mpumalanga Province (Client: Eskom Generation & Distribution, Project Manager: Bohlweki-SSI Environmental).
- 5. Social Impact Assessment for the proposed Mookodi Integration Project in the Vryburg area, Northwest Province (Client: Eskom Generation & Distribution, Project Manager: SiVEST).
- 6. Social Impact Assessment for the proposed Delareyville-Kopela-Phahameng 132kV distribution power line and the proposed Kopela and Phahameng substations in the Delareyville area, Northwest Province (Client: Eskom Distribution, Project Manager: SiVEST).
- 7. Socio-Economic Impact Assessment for the proposed Sasol Synfuels Growth Programme Phase 1B at the existing Sasol Synfuels Refinery in Secunda, Mpumalanga Province (Client: Sasol, Project Manager: SiVEST).
- 8. Socio-Economic Impact Assessment for the proposed Kuyasa IPP Power project in the Delmas area, Mpumalanga Province (Client: Kuyasa, Project Manager: Jones & Wagener).

- 9. Social Impact Assessment for the proposed Open Cycle Gas Turbine (OCGT) and Underground Coal Gasification (UCG) demonstration plants in the Amersfoort area (Client: Eskom Generation, Project Manager: Bohlweki-SSI Environmental).
- 10. Social Impact Assessment for the proposed Thyspunt Integration Project in the Port Elizabeth area, Eastern Cape (Client: Eskom Transmission, Project Manager: SiVEST).
- 11. Social Impact Assessment for the proposed Trekkopje Mine access road (Client: Areva Resources, Project Manager: Turgis Consulting).
- 12. Social Impact Assessment for the proposed Tshwane Strengthening Project (Client: Eskom Generation/Transmission, Project Manager: Savannah Environmental).
- 13. Social Impact Assessment for the proposed Johannesburg East Strengthening Project, Volumes 1 and 2 (Client: Eskom Generation/Transmission, Project Manager: Bohlweki-SSI Environmental).
- 14. Social Impact Assessment for the establishment of a Coal Fired Power Station, associated infrastructure as well as the associated Transmission Lines and Substation in the Musina area, Limpopo Province (Client: Mulilo Power, Project Manager: Arcus Gibb).
- 15. Socio-Economic Impact Assessment for the proposed town development with associated infrastructure and services at Steenbokpan (Client: Steenbokpan Development Consortium, Project Manager: Enviro-Solution Systems).
- 16. Socio-Economic Impact Assessment on the Bus Rapid Transport system, section 6 (Client: City of Johannesburg, Project Manager: Bohlweki-SSI Environmental).
- 17. Social Impact Assessment for the proposed upgrading of the existing Welgedacht Water Care Works to facilitate a capacity extension of up to 100ml/d (Client: ERWAT, Project Manager: Savannah Environmental).
- 18. Social Impact Assessment for the proposed provision of wastewater infrastructure to improve quality of effluent discharge from the Hartebeesfontein Water Care Works (Client: ERWAT, Project Manager: Savannah Environmental).
- 19. Social Impact Assessment for the proposed liquid fuels transportation infrastructure from the Milnerton refinery area to the Ankerlig power station in the Atlantis Industrial area (Client: Eskom Generation, Project Manager: Bohlweki-SSI Environmental).
- 20. Social Impact Assessment for the proposed Bravo Integration Project (Client: Eskom Transmission, Project Manager: Cymbian Socio-Environmental Consultants).
- 21. Social Impact Assessment for the proposed Thyspunt Integration Project (Client: Eskom Generation/Transmission, Project Manager: SiVEST).
- 22. Social Impact Assessment with cognisance of potential tourism impacts for the proposed Vryburg 400kV substation in the Northwest Province (Client: Eskom Generation, Project Manager: Bohlweki-SSI Environmental).
- 23. Social Impact Assessment for the proposed Mokopane Integration Project (Client: Eskom Generation/Transmission, Project Manager: Savannah Environmental).
- 24. Social Impact Assessment for the proposed Evander South Gold Mine (Client: Harmony Gold Mining Company Limited, Project Manager: Turgis Consulting).
- 25. Baseline social and land use assessment for the proposed Medupi Water Reservoir (Client: Eskom Generation, Project Manager: Savannah Environmental).

- 26. Social Impact Assessment for the proposed new regional general and hazardous waste processing facility in the Eastern Cape (Client: Coega Development Corporation/Nelson Mandela Bay Metropolitan Municipality, Project Manager: Bohlweki-SSI Environmental).
- 27. Social Impact Assessment for the proposed establishment of a tourist access facility and associated infrastructure in the Greater Limpopo Transfrontier Park (Client: SANParks, Project Manager: Triviron).
- 28. Social Impact Assessment for the proposed New Multi-Product Pipeline (NMPP) northern routes: Jameson Park to Langlaagte and Kendal to Waltloo (Client: Transnet Pipelines, Project Manager: Bohlweki-SSI Environmental).
- 29. Social Impact Assessment for the proposed Zonk'izizwe Mixed Use Development in Midrand, Gauteng (Client: Old Mutual Properties, Project Manager: EIMS).
- 30. Social Impact Assessment for the proposed Steelpoort Integration Project (Client: Eskom Generation/Transmission, Project Manager: Savannah Environmental).
- 31. Social Impact Assessment for the proposed Mercury-Ferrum transmission power line (Client: Eskom Transmission, Project Manager: Bohlweki-SSI Environmental).
- 32. Social Impact Assessment for the proposed Ferrum-Garona transmission power line (Client: Eskom Transmission, Project Manager: Bohlweki-SSI Environmental).
- 33. Social Impact Assessment for the proposed Steelpoort Pumped Storage Scheme (Client: Eskom Generation, Project Manager: Bohlweki-SSI Environmental).
- 34. Comparative Social Impact Assessment to determine housing options for construction workers on Project Phoenix (Client: Exxaro, Project Manager: MasterQ Research).

# As independent consultant:

35. Selected chapters on the Social Impact Assessment for the Gautrain Rapid Rail Link (Client: Bombela Consortium, Project Managers: Fehletsa Environmental, Snyman Development Consultants).

#### **Social & Labour Plans on behalf of MasterQ Research:**

- 1. Update the Social and Labour Plan for the proposed Majuba Underground Coal Gasification (UCG) Plant (Client: Eskom Generation, Project Manager: Bohlweki-SSI Environmental).
- 2. Social and Labour Plan for the proposed Soshanguve borrow pit (Client: City of Tshwane, Project Manager: EIMS).
- 3. Social and Labour Plan for the Steelpoort borrow pit (client has been exempted) (Client: Eskom Generation, Project Manager: Bohlweki-SSI Environmental).
- 4. Social and Labour Plan for the Selkirk BFS Project in Botswana (Client: Tati Nickel Mining Company, Project Manager: TWP Mining Solutions).
- 5. Social and Labour Plan for the proposed Wesizwe Platinum Mine (Client: Wesizwe Platinum Limited, Project Manager: TWP Mining Solutions).

### Social & Labour Plans on behalf of Afrosearch:

6. Assist with the information gathering for the Social and Labour Plan for the Beeshoek Mine (Client: Assmang Group, Project Manager: Afrosearch).

7. Assist with the information gathering for the Social and Labour Plan for the Cullinan Diamond Mine (Client: De Beers, Project Manager: Snyman Development Consultants).

# **Public Participation Processes on behalf of MasterQ Research:**

- 1. Public participation process for the proposed Ferrochrome Smelter in the Brits area (Client: BenficoSA, Project Manager: Quanto Environmental Solutions).
- 2. Public participation process for the proposed Medupi infrastructure projects (Client: Eskom Generation, Project Manager: Savannah Environmental).
- 3. Public participation process for the provision of wastewater infrastructure to improve the quality of effluent discharge from the Hartebeesfontein water care works (Client: ERWAT, Project Manager: Savannah Environmental).
- 4. Public participation process for the provision of wastewater infrastructure to improve the quality of effluent discharge from the Welgedacht water care works (Client: ERWAT, Project Manager: Savannah Environmental).

# **Public Participation Processes as an independent consultant:**

- 5. Public participation process for the exemption of an EIA for a residential development in Olympus (Client: EkoInfo, Project Manager: Snyman Development Consultants).
- 6. Public participation process for the exemption of an EIA for a commercial/residential development in The Willows (Client: EkoInfo, Project Manager: Snyman Development Consultants).
- 7. Small scale public involvement process on a game estate development in Scurveberg at the Hartbeespoort Dam (Client: EkoInfo).
- 8. Assist with the public participation process for the Centurion section of the proposed Gautrain Rapid Rail Link (Client: Bombela Consortium, Project Managers: Fehletsa Environmental, Snyman Development Consultants).
- 9. Public participation process for the exemption of an EIA for a residential development in Rayton (Client: EkoInfo, Project Manager: Snyman Development Consultants).
- 10. Public participation process for the exemption of an EIA for a residential development in Rooihuiskraal (Client: EkoInfo, Project Manager: Snyman Development Consultants).

#### **Selected Public Participation Processes on behalf of Afrosearch:**

- 11. Public participation process for the proposed Pebble Bed Modular Reactor in Koeberg, and associated fuel plant at Pelindaba (Client: Eskom Generation, Project Manager: Poltech).
- 12. Public participation for the proposed Platinum Highway Project from the N1 to the Botswana Border (Client: Bakwena, Project Manager: Bohlweki Environmental).
- 13. Public participation process for the Pretoria East Mobility Study (Menlyn Node): First and Second Phase (Client: City of Tshwane Metropolitan Municipality, Project Manager: Independent Consulting Engineers).
- 14. Public participation process for the proposed C-Cut project in Cullinan (Client: De Beers, Project Manager: Bohlweki Environmental).
- 15. Public participation process for the early warning system at the No. 7 Dam (Client: De Beers, Project Manager: Bohlweki Environmental).

- 16. Public participation process for the proposed N4 Toll Road between Pretoria and the Mpumalanga Border (Client: South African National Roads Agency, Project Manager: Bohlweki Environmental).
- 17. Public participation process for the proposed modal transfer facility in Pretoria North and the linking of Zambesi Drive and Rachel de Beer Street (Client: City of Tshwane Metropolitan Municipality, Project Manager: Afrosearch).
- 18. Public participation process for the proposed development of the Wonderboom Airport (Client: City of Tshwane Metropolitan Municipality, Project Manager: Afrosearch).

#### Tourism:

- 1. Dinokeng Database Survey. (Client: DACEL; Project Manager: Ochre Communications and MasterQ Research).
- 2. Measuring the success of the Dinokeng marketing campaign as perceived by product owners (three waves). Responsibilities: interviewing, data capturing (Client: DACEL; Project Manager: Ochre Communications and MasterQ Research).
- 3. Sport Tourism Economic Impact Survey. Responsibilities: data capturing (Client: Gauteng Tourism Authority; Project Manager: HMORC and MasterQ Research).

# **Training:**

- 1. Develop and facilitate an HIV/AIDS peer educator programme (Client: Limpopo Provincial Department of Agriculture, Project Manager: Africon).
- 2. Develop and facilitate an HIV/AIDS peer educator training programme as part of an HIV/AIDS workplace programme (Client: Africon, Project Manager: Trateco).
- 3. Develop and facilitate HIV/AIDS information sessions for employees (Client: Africon, Project Manager: Trateco).
- 4. Develop and facilitate HIV/AIDS information sessions for managerial staff (Client: Africon, Project Manager: Trateco).
- 5. Develop and facilitate HIV/AIDS awareness training programmes as part of an overall learnership (Clients: Johannesburg Water & Ekhuruleni Metropolitan Municipality, Project Manager: Foundation for People Development).

## Other:

- 1. Member of the socio-economic evaluation team as part of the tender evaluation committee on a large-scale infrastructure development project (due to the sensitive nature of the project, further details are currently confidential).
- 2. Development of a HIV/AIDS awareness and prevention plan as part of the Public Health and Public Safety Awareness Plan for the Etosha National Park Infrastructure Development project, Namibia (Client: Ministry of Environment & Tourism, Project Manager: Aurecon).
- 3. Household census as part of the Environmental & Social Impact Assessment for the proposed new staff housing in the Etosha National Park, Namibia (Client: Ministry of Environment & Tourism, Project Manager: Aurecon).
- 4. Independent peer review of the Rockdale B Wolwekraal SIA Report (Client: Eskom Transmission, Project Manager: Nemai Consulting).
- 5. Co-author on the social theme chapter for the City of Johannesburg State of Environment Report 2008 (Client: City of Johannesburg, Project Manager: SiVEST).

- 6. Secretariat to the Stakeholder workshop for the development of Eerste Fabrieke, Mamelodi (Client: Den Haag Municipality (Holland), Project Manager: Afrosearch).
- 7. Secretariat to the Stakeholder workshop for the proposed Greater Limpopo Transfrontier Park (Client: SANPARKS, Project Manager: Afrosearch).