

Dr Chantel Bezuidenhout *Curriculum Vitae*

CONTACT DETAILS

Name of Company	EOH Coastal & Environmental Services
Designation	Port Elizabeth Branch
Profession	Principal Environmental Consultant and Branch Manager
Years with firm	5.5 years
E-mail	Chantel.bezuidenhout@eoh.co.za c.bezuidenhout@cesnet.co.za
Office number	041 585 1715
Nationality	South African

Key areas of expertise	<ul style="list-style-type: none">➤ Environmental Impact Assessments➤ Environmental Management Programmes➤ Monitoring Programmes➤ High Level GHG Emissions Assessments➤ Land and Natural Resource Use Assessments➤ Estuarine Assessments
-------------------------------	---

PROFILE

Dr Chantel Bezuidenhout holds MSc and PhD degrees in Botany (estuarine ecology) and a BSc degree in Botany and Geography from NMMU. Chantel's main focus is estuarine ecology and she has done extensive work on 13 systems from the Orange River Mouth in the Northern Cape to the Mngazi Estuary in the Transkei. As a result she has been involved in a number of ecological reserve determination studies including the Kromme, Seekoei and Olifants systems. Chantel has been an Environmental Consultant for approximately 9 years and as such has been focused on environmental management and impact assessment. Chantel is well versed in environmental legislation and has been involved in number of environmental impact assessments and management plans in South Africa, Zambia, Mozambique and Madagascar. She is currently employed in the Port Elizabeth office of CES.

**EMPLOYMENT
EXPERIENCE**

**Principal Environmental Consultant, Coastal and
Environmental Services**

October 2011 - Present

- Project Management
- Report Production (EIR, BAR, EMPr)
- Public Participation
- Specialist Assessments (Estuarine, High Level GHG & Land and Natural Resource Use)
- Quality Control

Environmental Consultant, CEN IEM Unit

February 2008 – September 2011

- Project Management
- Report Production (EIR, BAR, EMPr)
- Public Participation

**ACADEMIC
QUALIFICATIONS**

NMMU, Port Elizabeth

PhD
2011

NMMU, Port Elizabeth

MSc
2003

NMMU, Port Elizabeth

BSc Hon
2001

NMMU, Port Elizabeth

BSc
2000

PUBLICATIONS

1. Adams, J.B., Bornman, T.G. and Bezuidenhout, C. 2005. Specialist Report: Macrophytes. Olifants / Doring catchment. Ecological Water Requirements study, Olifants Estuary. Report submitted to CSIR, Environmentek, Stellenbosch. 39pp.

**CONSULTING
EXPERIENCE**

2. Bezuidenhout, C., J.B. Adams and Bornman, T.G. 2005. Specialist Report: Macrophytes. Kromme Estuary Resources Directed Measures Study. Report submitted to the CSIR on behalf of the Department of Water Affairs and Forestry. 61pp.
 3. Bornman, T.G., Adams, J.B. and Bezuidenhout, C. 2004. Present status of the Orange River mouth wetland and potential for rehabilitation. Prepared for Working for Wetlands, South African National Biodiversity Institute. Nelson Mandela Metropolitan University. IECM Research Report No. 43. 54 pp.
 4. Bornman, T.G., Adams, J.B. and Bezuidenhout, C. 2004. Adaptations of salt march to semi-arid environments and management implications for the Orange River mouth. Transactions of the Royal Society of South Africa 59(2): 125-131.
 5. Bornman, T.G., Adams, J.B. and Bezuidenhout, C. 2005. Salt marsh characteristics and freshwater requirements of a cool temperate versus a warm temperate estuary. 12th Southern African Marine Science Symposium. Durban, Kwazulu-Natal.
-
1. CEN Integrated Environmental Management Unit: (2008) Basic Assessment for the proposed establishment of 2 jetties, improvement of the existing, licensed slipway and stabilization of the river banks on Portion 12 of the Farm Nocton 441 (Gamtoos ferry Hotel). (Port Elizabeth, Eastern Cape Province)
 2. CEN Integrated Environmental Management Unit: (2008) Basic Assessment for the proposed establishment of a Town Lodge Hotel on Erf 2150, Summerstrand. (Port Elizabeth, Eastern Cape)
 3. CEN Integrated Environmental Management Unit: (2008) Basic Assessment for the proposed Rezoning and Subdivision of Erf 10501 and the remainder of Erf 5023, Walmer, Nelson Mandela Metropolitan Municipality, for the purpose of establishing a residential development. (Port Elizabeth, Eastern Cape)

4. CEN Integrated Environmental Management Unit: (2008) Basic Assessment for the proposed rezoning and the establishment of a hospital and associated infrastructure and facilities on a portion of the remainder of Erf 1226, Fairview, Port Elizabeth, Eastern Cape. (Port Elizabeth, Eastern Cape)
5. CEN Integrated Environmental Management Unit: (2008) Basic Assessment for the proposed rezoning of Portion 1 of the Farm Bucklands (No. 108), the Farm SchrikwatersPoort (No. 109) and the remainder of the farm Bucklands (No. 108) for the development of a Luxury Lodge, Makana Municipal Area, Eastern Cape. (Port Elizabeth, Eastern Cape)
6. CEN Integrated Environmental Management Unit: (2008) Basic Assessment for the proposed subdivision of Erf 2686, Parsonslei for a Residential Development Port Elizabeth, Eastern Cape. (Port Elizabeth, Eastern Cape)
7. CEN Integrated Environmental Management Unit: (2008) Basic Assessment for the proposed subdivision of Erf 2687, Parsonslei for a Residential Development, Port Elizabeth, Eastern Cape. (Port Elizabeth, Eastern Cape)
8. CEN Integrated Environmental Management Unit: (2008) Environmental Assessment for the proposed Rezoning and Subdivision of Portions 22 and 40 of the Farm Witteklip No 466, Nelson Mandela Bay Municipality. (Port Elizabeth, Eastern Cape)
9. CEN Integrated Environmental Management Unit: (2009) Environmental Assessment for the proposed subdivision of the remainder of Erf 1226, Fairview, Port Elizabeth, Eastern Cape for a Residential Development. (Port Elizabeth, Eastern Cape)
10. CEN Integrated Environmental Management Unit: (2009) Basic Assessment for the establishment of a new 2.5 Ml Kruisfontein Reservoir on Erf 2088 and a portion of the remainder of Erf 2, Humansdorp, Kouga Municipality, Eastern Cape. (Port Elizabeth, Eastern Cape)
11. CEN Integrated Environmental Management Unit: (2009) Basic Assessment for the proposed extension of an existing 36m lattice mast to a 46m lattice mast

- on Erf 8917, Uitenhage, Nelson Mandela Bay Municipality, Eastern Cape. (Port Elizabeth, Eastern Cape)
12. CEN Integrated Environmental Management Unit: (2009) Basic Assessment for the proposed extension of an existing 36m lattice mast to a 46m lattice mast of Erf 1296, Summerstrand, Port Elizabeth, Eastern Cape. (Port Elizabeth, Eastern Cape)
 13. CEN Integrated Environmental Management Unit: (2009) Basic Assessment for the proposed extension of an existing 36m lattice mast to a 56m lattice mast on Erf 1345, Walmer, Port Elizabeth, Eastern Cape. (Port Elizabeth, Eastern Cape)
 14. CEN Integrated Environmental Management Unit: (2009) Basic Assessment for the proposed rezoning and subdivision of a portion of Erf 1721, Aberdeen, Camdeboo Municipality, Eastern Cape to develop subsidized housing and related community facilities (Lotusville Extension). (Port Elizabeth, Eastern Cape)
 15. CEN Integrated Environmental Management Unit: (2009) Basic Assessment for the proposed rezoning and subdivision of a portion of Erf 1721, Aberdeen, Camdeboo Municipality, Eastern Cape to develop subsidised housing and related community facilities (Thembalesizwe Extension). (Port Elizabeth, Eastern Cape)
 16. CEN Integrated Environmental Management Unit: (2009) Basic Assessment for the proposed stabilization of the river banks on Portion 2 of the Farm Nocton 441 (Adjacent to the Gamtoos Ferry Hotel). (Port Elizabeth, Eastern Cape)
 17. CEN Integrated Environmental Management Unit: (2010) Environmental Impact Assessment for the proposed construction and upgrading of the new Glen Hurd Road as well as the construction of the Baakens River Bridge, Port Elizabeth, Eastern Cape. (Port Elizabeth, Eastern Cape)
 18. CEN Integrated Environmental Management Unit: (2010) Environmental Impact Assessment for the proposed subdivision of the remainder of Erf 982, Parsonsvelei, Port Elizabeth, Eastern Cape for a residential development. (Port Elizabeth, Eastern Cape)

Cape)

19. CEN Integrated Environmental Management Unit: (2010) Environmental Impact Assessment for the proposed rezoning and subdivision of erven 1070, 409 and the remainder of Erf 385, Theescombe, Port Elizabeth, Eastern Cape for a residential development. (Port Elizabeth, Eastern Cape)
20. Coastal and Environmental Services. Environmental Impact Assessment for the proposed residential development at the existing golf course in Grahamstown, Eastern Cape Province of South Africa (2012).
21. Coastal and Environmental Services. Environmental Impact Assessment for the proposed golf course development at Belmont Valley, Grahamstown, Eastern Cape Province of South Africa (2012).
22. Coastal and Environmental Services. Basic Assessment for the proposed development of a 13 MW Photovoltaic energy generating facility in the Coega Industrial Development Zone (Zone 12), Port Elizabeth, Eastern Cape Province. Authorization received 29/02/12.
23. Coastal and Environmental Services. Environmental Impact Assessment for the Mooi-Mgeni Transfer Scheme – Phase 2, KwaZulu-Natal Province, South Africa (2012).
24. Coastal and Environmental Services. Environmental Impact Assessment for the proposed Peddie Wind Energy Project, Ngqushwa Local Municipality, Eastern Cape Province of South Africa (2012).
25. Coastal and Environmental Services. Environmental Impact Assessment for the proposed Kamiesberg Heavy Mineral mine in Namaqualand, Northern Cape Province (2014).

**INTERNATIONAL
EXPERIENCE**

1. Environmental Impact Statement for a large scale copper mine in the North-Western Province of Zambia (2012).
2. Environmental Impact Statement for a large scale nickel mine in the North-Western Province of Zambia (2014).

**SPECIALIST
WORK**

3. Environmental and Social Impact Assessment for a heavy minerals mine in the Toliara Province, Madagascar (2014).
4. Project Manager: Graphite Mine in Cabo-Delgado Province, Mozambique (2015).

1. Land and Natural Mineral Resources Assessment for a heavy minerals mine in the Toliara Province, Madagascar (2013).
2. Land and Natural Mineral Resources Assessment Iron ore mine in Tete Province, Mozambique (2015).
3. Land and Natural Mineral Resources Assessment graphite mine in Cabo Delgado Province, Mozambique (Ancuabe) (2016).
4. Land and Natural Mineral Resources Assessment graphite mine in Cabo Delgado Province, Mozambique (Nicanda Hills) (2016).
5. High Level GHG Assessment for Kenmare Moma Heavy Minerals Mine, Mozambique (2016).
6. High Level GHG Assessment for Ranobe Heavy Minerals Mine, Madagascar (2017).

CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

**Dr Chantel
Bezuidenhout
*Curriculum Vitae***

Chantel Bezuidenhout

Date: 1st April 2017