

CONTACT DETAILS

Name of Company	EOH Coastal & Environmental Services
Designation	Senior Environmental Consultant
Profession	Environmental Consultant Water Quality Specialist
Years with firm	5
E-mail	Lara.crous@eoh.co.za l.crous@cesnet.co.za
Office number	046 622 2364
Nationality	South African
Professional body	SACNASP : South African Council for Natural Scientific Profession

Key areas of expertise

- Conducting EIA's to South African legislation
- Preparation of EIA reports to IFC guidelines
- Working knowledge of NEMA, MPRDA and NWA
- Financial provision assessments

PROFILE

Ms Lara Crous is a Senior Environmental Consultant with five years' experience supervising as well as managing the environmental impact assessment process across a variety of projects (from wind farms to heavy mineral mining). Lara has experience working with environmental laws (such as the National Environmental Management Act of 1998, the Mineral and Petroleum Resources Development Act of 2002 and the National Water Act of 1998) as well as ensuring ESHIA's meets IFC compliance. Although experienced with projects across all sectors, Lara's strength is in the mining sector (from financial provision calculations to undertaking an ESHIA for a large scale mine). Lara's background as a water quality specialist stems from undertaking her honours thesis (received distinction) analysing Grahamstown's Municipal Water Quality followed by her Masters thesis (current) using constructed wetland technology to treat brewery effluent to discharge standards. Lara has conducted water quality baseline and impact assessment studies in South Africa,

Mozambique as well as Cameroon. Lara's extensive knowledge on EIA regulations as well as the application of these regulations has resulted in being course co-ordinator as well as lecturer at the annual "Introduction to Environmental Impact Assessment Procedures" course run by EOH CES in collaboration with Rhodes University. Lara also lectures the EIA module to Rhodes University Department of Environmental Science honours students as well as lectures the third year students on environmental management systems.

**EMPLOYMENT
EXPERIENCE**

Senior Environmental Consultant, EOH Coastal & Environmental Services

February 2015 - Present

- Project management of international ESHIA's
- Mentoring junior consultants
- Water Quality Specialist

Environmental Consultant, Coastal & Environmental Services

February 2012 – January 2015

- Project management of South African EIA's
- Water Quality Specialist

**ACADEMIC
QUALIFICATIONS**

Rhodes University, Grahamstown

Bachelor of Science Honours (distinction)
2010

Rhodes University, Grahamstown

Bachelor of Science (Geography and Environmental Science)
2009

PUBLICATIONS

1. The Twelfth International Water Association International Conference on Wetland Systems for Water Pollution Control: The use of constructed wetland technology in the treatment and beneficiation of brewery effluent for aquaculture. (4-8 October 2010),
2. Crous L, Britz P (2010) The use of constructed wetland technology in the treatment and beneficiation of brewery effluent for aquaculture.

COURSES

The Twelfth International Water Association International Conference on Wetland Systems for Water Pollution Control (4-8 October 2010), Venice, Italy. 1254 p.

3. Jones CLW, Britz P, Davies MTT, Scheepers R, Cilliers A, Crous L, Laubscher R (2011) The wealth in brewery effluent - Water and nutrient recovery using alternative technologies. The Fifteenth International Water Technology Conference (28-30 May 2011), Alexandria, Egypt. 11 p.

1. 2014 – South African Scoring System (SASS) 5, Ground Truth,
2. 2009 - Environmental Water Quality, Rhodes University,
3. 2009 - Tools for Wetland Assessment, Rhodes University,
4. 2009 - Land Rehabilitation and Restoration , Rhodes University,
5. 2009 - Strategic Conservation Assessment, Rhodes University,
6. 2009 – EIA Short Course, Rhodes University and CES

**CONSULTING
EXPERIENCE**

**International Environmental Impact Assessments –
Project Manager**

- Baobab Resources Tete iron ore project, Tete, Mozambique.
- Baobab Resources Tete iron ore addendum, Tete, Mozambique.
- Kenmare Moma Mining heavy minerals project, Pilibilli, Mozambique.
- Societe de Developpement du Coton du Cameroun (SODECOTON)'s upgrading of the Maroua oil mill in Cameroon (for funding from DEG - German Investment and Development Corporation).
- Societe de Developpement du Coton du Cameroun (SODECOTON)'s upgrading of the Garoua oil mill in Cameroon (for funding from DEG - German Investment

and Development Corporation).

South African Environmental Impact Assessments

- Zirco Roode Heuwel's Kamiesberg heavy minerals mine - Specialist studies and public participation coordinator (Garies).
- Trans Caledon Tunnel Authority's Mooi Mgeni Transfer Scheme phase 2 - Specialist studies coordinator and report production (Pietermaritzburg)
- Lalibela Private Game Reserve's expansion project – Project manager (Grahamstown)
- Matsopa Minerals application for closure certificate of bentonite quarry - Project manager (Plettenberg Bay).
- SANRAL upgrading of the N2 - Project manager (Grahamstown)
- SANRAL upgrading of the N10 section 3 - Project manager (Cradock)
- SANRAL upgrading of the R61 section 2 - Project manager (Cradock)
- Healdtown wastewater treatment works upgrade – Project manager (Fort Beaufort)
- Re-routing of Eskom Powerline – Project manager (Grahamstown)
- Innowind Wind Energy Facility - Specialist studies coordinator and report production for (Peddie).
- Belmont Development Company's Belmont Valley golf course development - Public participation and report production (Grahamstown).
- Belmont Development Company's Belmont Valley residential development - Public participation and report production for the (Grahamstown).

Specialist Studies:

- Aquatic ecology and Surface water quality baseline survey, Baobab Tete Iron Ore Project, Tete, Mozambique.
- Aquatic ecology and Surface water quality baseline survey, Nicanda Hills Graphite Mine. (for Grafex, Limitada) in Montepuez, Mozambique.
- Aquatic Ecology and Surface Water Quality of the Nhangonzo Coastal Stream and Catchment in Inhassoro Province, Mozambique for Golder Associados Mocambique Lda
- Aquatic biomonitoring report on the Wilge river and

associated tributaries of the Sedibelo mine for Exigo Sustainability (Pty) Ltd in North West Province, South Africa.

- Receiving stream specialist study for the Mooi Mgeni Transfer Scheme phase 2, Water Transfer Scheme.
- Traffic and transport assessment for the Richards Bay Wind Energy Facility.
- Soil Management Plan for Toliara Sands heavy minerals mine in Madagascar.

Other:

- Financial provision and performance assessment for Strowan, Albertinia, Plettenberg Bay mines (owned by Matsopa Minerals) as well as Makana Brick.
- Environmental Control Officer for the Waainek WEF's, Grahamstown
- Updating of EMP's to be in line with 2014 Regulations for Matsopa Minerals and Makana Brick
- SANRAL mining applications
- Water Use Licence applications
- General Authorisation applications
- 2013 – 2017 Environmental Impact Assessment Course co-ordinator

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.



Lara Crous

Date: 15 May 2017