

CONTACT DETAILS

Name of Company	EOH Coastal & Environmental Services
Designation	Senior Environmental Consultant
Profession	Environmental Consultant Botanical Specialist
Years with firm	5
E-mail	tarryn.martin@eoh.co.za t.martin@cesnet.co.za
Office number	021 045 0900
Nationality	South African
Professional body	SACNASP: South African Council for Natural Scientific Profession: Professional Natural Scientist (400018/14) SAAB: Member of the South African Association of Botanists Member of the South African Botanical Society Member of Golden Key International Honour Society
Key areas of expertise	<ul style="list-style-type: none">➤ Ecological Assessments➤ Botanical Assessments➤ Environmental Impact Assessments

PROFILE

Tarryn holds a BSc (Botany and Zoology), a BSc (Hons) in African Vertebrate Biodiversity and an MSc with distinction in Botany from Rhodes University. Tarryn's Master's thesis examined the impact of fire on the recovery of C₃ and C₄ Panicoid and non-Panicoid grasses within the context of climate change for which she won the Junior Captain Scott-Medal (Plant Science) for producing the top MSc of 2010 from the South African Academy of Science and Art as well as an Award for Outstanding Academic Achievement in Range and Forage Science from the Grassland Society of Southern Africa. Tarryn specialises in conducting vegetation assessments including vegetation and sensitivity mapping to guide developments and thereby minimise their impacts on sensitive vegetation. She has conducted a number of vegetation and impact assessments in Mozambique (to IFC standards) which include the Lurio Forestry Project in Nampula, the Baobab Iron Ore Mine in Tete and the Syrah Graphite Mine, Metals of Africa Graphite Mine, Triton Ancuabe Graphite Mine and Nicanda Hills Graphite Mine in Cabo Delgado. She has also worked on a Critical Habitat Assessment for Sasol in Inhambane

Ms Tarryn Martin
Curriculum Vitae



Province and has co-designed and implemented the Terrestrial Monitoring Program for Kenmare, MOMA, a heavy minerals mine in Mozambique. Tarryn has also managed a number of projects, her most recent ones including the Metals of Africa Graphite Mine ESIA, Triton Nicanda Hills ESHIA as well as smaller projects in South Africa.

**EMPLOYMENT
EXPERIENCE**

Environmental Consultant and Botanical Specialist,
EOH Coastal and Environmental Services

May 2012-Present

- Conducting botanical and ecological assessment for local and international EIAs in Southern Africa
- Identifying and mapping vegetation communities and sensitive areas
- Designing and implementing monitoring plans
- Designing rehabilitation and biodiversity offset plans
- Critical Habitat Assessments
- Managing budgets
- Coordinating specialists and site visits

Accounts Manager, Green Route DMC

October 2011- January 2012

- Project and staff co-ordination
- Managing large budgets for incentive and conference groups travelling to southern Africa
- Creating tailor-made programs for clients
- Negotiating rates with vendors and assisting with the ground management of inbound groups to ensure client satisfaction.

Camp Administrator and Project Co-ordinator,
Windsor Mountain International Summer Camp, USA

April 2011 - September 2012

- Co-ordinated staff and camper travel arrangements
- Coordinated main camp events
- Assisted with marketing the camp to prospective families.

Freelance Project Manager, Green Route DMC

June 2010 - April 2011

- Project and staff co-ordination
- Managing large budgets for incentive and conference groups travelling to southern Africa
- Creating tailor-made programs for clients

- Negotiating rates with vendors and assisting with the ground management of inbound groups to ensure client satisfaction.

Camp Counselor, Windsor Mountain Summer Camp, USA

June 2010 - October 2010

NERC Research Assistant, Botany Department, Rhodes University, Grahamstown in collaboration with Sheffield University, Sheffield, England

April 2009 - May 2009

- Set up and maintained experiments within a common garden plot experiment
- collected, collated and entered data
- Assisted with the analysis of the data and writing of journal articles

Head Demonstrator, Botany Department, Rhodes University

March 2007 - October 2008

Operations Assistant, Green Route DMC

September 2005 - February 2007

- Co-ordination

**ACADEMIC
QUALIFICATIONS**

Rhodes University, Grahamstown

M.Sc Botany with distinction
2010

Rhodes University, Grahamstown

B.Sc Hons. African Vertebrate Biodiversity
2004

Rhodes University, Grahamstown

B.Sc Botany and Zoology
2003

PUBLICATIONS

1. Ripley, B.; Visser, V.; Christin, P.A.; Archibald, S.; Martin, T and Osborne, C. Fire ecology of C₃ and C₄

COURSES

- grasses depends on evolutionary history and frequency of burning but not photosynthetic type. *Ecology*. 96 (10): 2679-2691. 2015
2. Taylor, S.; Ripley, B.S.; Martin, T.; De Wet, L-A.; Woodward, F.I.; Osborne, C.P. Physiological advantages of C₄ grasses in the field: a comparative experiment demonstrating the importance of drought. *Global Change Biology*. 20 (6): 1992-2003. 2014
 3. Ripley, B; Donald, G; Osborne, C; Abraham, T and Martin, T. Experimental investigation of fire ecology in the C₃ and C₄ subspecies of *Alloteropsis semialata*. *Journal of Ecology*. 98 (5): 1196 - 1203. 2010
 4. South African Association of Botanists (SAAB) conference, Grahamstown. Title: Responses of C₃ and C₄ Panicoid and non-Panicoid grasses to fire. January 2010
 5. South African Association of Botanists (SAAB) conference, Drakensberg. Title: Photosynthetic and Evolutionary determinants of the response of selected C₃ and C₄ (NADP-ME) grasses to fire. January 2008
1. Rhodes University and CES, Grahamstown
EIA Short Course 2012

**CONSULTING
EXPERIENCE**

1. Ecological Monitoring Project, MOMA, Mozambique. 2012-present.
Kenmare Terrestrial Monitoring Program Project Manager and Specialist Survey.
2. Ecological Baseline Surveys, Lesotho. 2013-2014.
LHDA Botanical Survey and Impact Assessment.
3. Ecological Baseline Surveys, Saldanha. 2015-present
iGas Saldanha to Ankerlig Biodiversity Assessment Project Manager. 2015 - Present.

4. Forestry Projects, Nampula Province, Mozambique. Lurio Green Resources Plantation Project Botanical Assessment, Vegetation and Sensitivity Mapping, Specialist Co-ordination.
5. Forestry Projects, Nampula Province, Mozambique. Lurio Green Resources Wood Chip Mill and Medium Density Fibre-board Plant, Project Manager and Ecological Specialist.
6. Mining Projects, Madagascar. 2012. Toliara Mineral Sands Rehabilitation and Offset Strategy Report.
7. Mining Projects, Cabo Delgado Mozambique. 2013 Syrah Resources Ecological Assessment.
8. Mining Projects, Tete, Mozambique. 2013-2014. Baobab Mining Ecological Assessment.
9. Mining Projects, Cabo Delgado, Mozambique. 2015 - Present. Triton Minerals Nicanda Hill Ecological Assessment and Project Manager.
10. Mining Projects, Cabo Delgado, Mozambique. 2015 – present. Triton Minerals Ancuabe Ecological Assessment.
11. Mining Projects, Inhassora, Mozambique. 2015 - present. Nhangonzo Coastal Stream Critical Habitat Biodiversity Assessment.
12. Renewable Energy Projects, Eastern Cape, South Africa. 2013- Present. Dassiesridge Wind Energy Facility Project Manager.
13. Renewable Energy Projects, Eastern Cape, South Africa. 2012. Tsitsikamma Wind Energy Facility Community Power Line Ecological Assessment.
14. Renewable Energy Projects, Eastern Cape, South South Africa. 2012. Golden Valley Wind Energy Facility Power Line Ecological Assessment.

15. Renewable Energy Projects, Eastern Cape, South Africa. 2012.
Middleton Wind Energy Facility Ecological Assessment and Project Management.
16. Renewable Energy Projects, Western Cape, South Africa. 2012.
Mossel Bay Power Line Ecological Assessment.
17. Renewable Energy Projects, Zambia. 2014.
Biotherm Solar Voltaic Ecological Assessment.
18. Renewable Energy Projects. 2015.
Savannah Nxuba Wind Energy Facility Powerline Ecological Assessment, ground trothing and permit applications.
19. Ecological Groutruthing Projects, Eastern Cape, South Africa. 2013.
Harvestvale botanical groundtruthing assessment.
20. Ecological Groundtruthing Projects, Eastern Cape, South Africa. 2012.
Groundtruthing the turbine sites for the Waainek Wind Energy Facility.
21. Ecological Groundtruthing Projects, Eastern Cape, South Africa. 2014.
Cob Bay botanical groundtruthing assessment.
22. Due Diligence, Northern Cape, South Africa. 2014.
Solar Capitol Solar Photovoltaic Energy Facility Environmental and Social Compliance Monitoring Project Manager.

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.

Tarryn Martin

Date: 1st April 2017