

CURRICULUM VITAE

Name: **Maretha Alant (previously Shroyer)**
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Civil status: Divorced/Single



Qualifications

Degrees completed

Master of Philosophy (Environmental Science): University of Cape Town, 1996.
Bachelor of Science (Honours): University of South Africa, 1994.
Bachelor of Science: University of Orange Free State, 1985.
Higher Diploma in Education: University of Orange Free State, 1985.

Courses completed

IWRM, the NWA and Water Use Authorisations focusing on WULAs and IWWMPs, Carin Bosman Sustainable Solutions cc (2018).
Sustainable Urban Drainage Systems (SUDS), SA Institute of Civil Engineering 2011.
Integrated Land Management, University of Potchefstroom, 2010.
Biodiversity Offsets Seminar, CSIR, Pretoria, 2010.
The Development of Coastal setback lines, University of Stellenbosch, 2010.
Project Management for Councillors, University of Potchefstroom, July 2004.
International Seminar on Protected Area Management, University of Montana, August 2003.
Management of Recreation Resources, (cum laude) University of Montana, 1999.
Wilderness Management (Advanced course), University of Natal, 1999.
Safety Management Training Course (cum laude): NOSA, 1994.

Professional membership

Environmental Assessment Practitioners of South Africa (EAPASA) # 2022/5417
International Association for Impact Assessment South Africa (IAIAsa) #7383

NGO membership

1994 to date: Mountain Club of South Africa (MCSA). MCSA National Convener Mountain Conservation.
2014 to date: International Climbing and Mountaineering Association (UIAA) Mountain Protection Commission. Corresponding member for South Africa and on various task teams.

Professional experience

Miss Maretha Alant (previously Shroyer) graduated with a Master of Philosophy in Environmental Science (M Phil) from UCT in December 1996, 28 years ago. She was certified as an Environmental Assessment Practitioner with the Interim Certification Board for Environmental Practitioners of South Africa in 2003. Her EAPASA registration number is 2022/5417.

Working in the Integrated Environmental Management field for the past 28 years, Miss Alant had an opportunity to participate in a range of environmental management, conservation planning and protected area expansion projects.

As the Principal Planner for the Garden Route National Park (GRNP), over the past 15 years (2008 to 2023), Miss Alant commented on over 1000 Basic Assessment Reports (BAR), Environmental Impact Assessments (EIAs), 24 G Applications, Outeniqua Sensitive Coastal Area Extension (OSCAE) and Land Use Planning Bylaw applications in the GRNP buffer zone. She was a member of the Project Team for the preparation of the GRNP Park Management Plan for the period 2020 – 2029 and she made presentations at desired state workshops, drafted the Landscape Functionality programme and reviewed various section of the Park Management Plan. In addition, she also commented on proposed developments in the buffer zones of the Addo Elephant, Karoo, Bontebok, West Coast, Camdeboo and Mokala National Parks. She represented SANParks at the DFFE-SANParks bi-annual Environmental Forum and at various strategic forums where mainstreaming biodiversity and achieving landscape scale conservation outcomes was a key focus area.

As the Protected Area Establishment and Development Manager of the North West Parks & Tourism Board (NWP&TB) from Dec 2002 to April 2008 Maretha was responsible for environmental management in 14 Nature Reserves and commented on all development proposals that could impact on these areas. She also monitored the development of lodges in Madikwe Game Reserve and Pilanesberg National Park as well as park infrastructure development projects for environmental compliance. She commissioned various EIAs and a Strategic Environmental Assessment for Pilanesberg, provided input into Nature Reserve Management Plans and Drafted the Scoping Report for the Phase 1 Establishment of the Highveld National Park.

As an Environmental Scientist (1996 to 2002) Maretha was contracted to undertake various environmental projects. Highlights include:

Year: 1997. Client: South African National Parks.	Contracted Environmental Scientist, Environmental Evaluation Unit, University of Cape Town	Team member to undertake an initial Environmental Impact Assessment for the Cape Peninsula Biodiversity Conservation Project (CPBCP), earmarked for Global Environmental Facility (GEF) funding. The overall objectives of the CPBCP were: <ul style="list-style-type: none">• to conserve the biodiversity of the Cape Peninsula Mountain Chain;• to develop a strategic plan for the Cape Floral Kingdom;• to establish a marine reserve; and• to enhance societal benefits and minimise environmental losses.
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		<p>Key programmes assessed were:</p> <ul style="list-style-type: none"> • Invasive alien plant control • Environmental education • Fire control and management • Tourist infrastructure development • Capacity building • Incorporation of marine environment into the proposed National Park • Knowledge management, monitoring and evaluation • The development of a strategic programme for the Cape Floral Kingdom.
Year: 1997. Client: Cape Peninsula National Park.	Contracted Environmental Scientist, GIBB Africa	Team member for the development of an Environmental Management System (EMS) according to ISO 14001 guidelines for the operation of the Table Mountain Cableway.
Year: 1999 - 2000. Client: Cape Peninsula National Park	Environmental Scientist, Yebo Environmental Services	Scoping study for the upgrading of the Table Mountain Aerial Cableway Company wastewater disposal system.
Year: 1999/2000. Client: South African National Parks.	Environmental Scientist, Yebo Environmental Services	Drafted the Park Management Plan for the Bontebok National Park.

Project experience over the past 28 years include:

- Strategic thinking to mainstreaming biodiversity objectives into planning initiatives such as municipal and district Spatial Development Frameworks (SDFs) and Environmental Management Frameworks (EMFs).
- Implementation of the Landscape Functionality Programme in the Garden Route National Park.
- Giving presentations at conferences, forum meetings, learning networks and Conservancy AGMs regarding achieving conservation outcomes in the landscape.
- Drafted the commenting role document for development proposals and Land Use Change Applications in Priority Natural Areas for the Garden Route National Park that was released to stakeholders including government departments, consultants, environmental forum members and private land owners.
- Contributed to effective and efficient management of the Garden Route National Park in line with the Park Management Plan as it related to her key performance areas.
- Reviewed and provided input into the SANParks Commenting Handbook, as approved at the Land inclusion and Planning Committee meeting, 21 & 22 September 2021.
- Management of protected area establishment and expansion projects for the North West Parks and Tourism Board (NWP&TM).
- Development of co-operative and supportive relationships with municipal, provincial and national authorities, landowners and other stakeholders.

- Management of steering committees and technical working groups and taking leadership as required.
- Assistance to SANParks regional management in keeping abreast of environmental, conservation and planning legislation and planning products.
- Development and review of Environmental Management Programmes (EMPs).
- Adherence to good governance principles and budget compliance and control.
- Product development and commercialisation of tourism facilities in protected areas and candidate areas in the North West province.
- Environmental Analysis of Category B World Bank projects in South Africa, Namibia and Mozambique.
- Auditing of concessions in Madikwe Game Reserve and Pilanesberg National Park.

Employment record

Date from – date to	Location	Company	Position
September 2024 to date	Knysna	Private. Sole proprietor	Independent Environmental Assessment Practitioner
August 2008 to September 2023	Knysna	SANParks	Garden Route National Park and Frontier: Principal Planner.
Dec 2002 to April 2008	Mafikeng and Rustenburg	North West Parks and Tourism Board	Protected Area Establishment and Expansion Manager
November 1997 to Nov 2002	Cape Town	Yebo Environmental Services CC	Principal Environmental Scientist
July 1996 November 1997	Cape Town Mozambique & Namibia	Environmental Evaluation Unit, University of Cape Town	Contracted Environmental Scientist
Jan 1990 to June 1996	Cape Town	Environmental Stress Management CC	Owner/Consultant

Awards

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| 2023 | CapeNature Stewardship Award (East Landscape) for most valuable contribution to conservation outside the formal Stewardship and Conservancy Programme. |
| 2019 | SANParks Kudu Award for Regional Achievement for establishing good relationships with landowners and stakeholders and commenting on development applications to achieve conservation outcomes in the landscape. |
| 2015 | Regional SANParks Kudu Award for excellent performance in the workplace for finding creative means to improve the organisation's productivity. |
| 2012 | Regional SANParks Kudu Award for Leadership for developing a comprehensive Environmental Management Programme (EMP) for the GRNP. |
| 2010 | Regional SANParks Kudu Award for outstanding service in the workplace. |

Presentations at national and international conferences

- International Association of Impact Assessment (IAIAsa) Skukuza National conference 2023. Title: National Park Buffer Zone Transformation in 6 Parks: 400 Development proposals in 10 years (co-authors Fahiema Daniels and Izak Smit)
- Southern African Mountain Conference (SAMC 2022), Champagne Sport Resort. Title: The mountains of South Africa's National Parks – delights, diversities and duty (co-author Nicola van Wilgen-Bredenkamp)
- 12th SANBI Biodiversity Planning Forum (2015), Salt Rock. Title: Incorporating the Garden Route Biodiversity Sector Plan 2010 into the Knysna Municipality Integrated SDF 2015.
- Fynbos Forum, Knysna, South Africa (2014). Title: Functional connectivity for mammal species in the Knysna Buffer Zone, Garden Route National Park. *Received best presentation award.*
- 11th SANBI Biodiversity Planning Forum (2014), Mpekweni Beach Resort. Title: Landscape scale ecological functionality of the Knysna Buffer Zone, Garden Route National Park (co-author Baard, Johan).
- Fynbos Forum, Kirstenbosch (2013). Title: The future of fynbos in the Knysna Buffer Zone (co-author Baard, Johan).
- 11th Savanna Science Network meeting, Kruger National Park (2013). Towards an effective assessment framework of ecological functionality at the landscape scale for buffer zones/corridors associated with the Garden Route National Park (co-authors Seydack, Armin and Baard, Johan).
- International Association of Impact Assessment (IAIAsa). National conference 2011, Wild Coast Sun, South Africa. Title: Climate change response strategies: The Garden Route National Park approach. (co-author: Baard, Johan)
- National Biodiversity Planning Forum, Wilderness, South Africa (2011). Sustaining Environmental Integrity in the Garden Route National Park (co-author: Du Plessis, Len)
- International Association of Impact Assessment (IAIAsa). National conference 2010, Wilderness South Africa. Title: The contributions and limitations of strategic planning tools and interventions towards achieving conservation outcomes in priority natural areas around the Garden Route National Park.
- National Biodiversity Planning Forum, Pilanesberg National Park (2007). Title: The North West Parks and Tourism Board's Park establishment and expansion strategy.
- Seventh World Wilderness Congress in Port Elizabeth, SA (2001). Title: Mountain Conservation in South Africa.
- 5th International Wildlife Ranching Symposium in Pretoria, March 2001. Title: People and wildlife ranching: An investigation of the social contracts regarding wildlife utilisation in South Africa.
- African Wildlife Management Conference at the Mweka Wildlife College, Moshi, Tanzania (2000). Title: Including wildlife as a stakeholder in EIA.
- Sixth World Wilderness Congress in Bangalore, India (1998): Title: A Wilderness in an Urban Setting: Planning and Management of the Cape Peninsula National Park, Cape Town, South Africa.
- Sixth World Wilderness Congress in Bangalore, India (1998). Title: Challenges faced by mountaineers in the Cape Peninsula.

Research

- PhD Titled “A Functional Connectivity Analysis of mammal occupancy and distribution on a landscape-scale in the Knysna Buffer Zone”. NMMU. Supervisor: Prof. Christo Fabricius. Year started: 2014. Not completed. All evidence destroyed in June 2017 Knysna fires.
 - South African Wilderness Research Needs Assessment. Client: Wilderness Foundation of SA and WILD Foundation (US). Year 2002.
 - Research project to establish the Conservation Status of Mountains in South Africa. Year: 2001. Client: WWF-SA and Mountain Club of South Africa.
 - Research project: The Development of a Wilderness Administration System for South African National Parks. Year: 1999. Client: South African National Parks.
 - Researched environmental health in poor communities. Output: A dissertation in partial fulfillment for the Masters degree in Environmental Science, titled “Development of an Environmental Health Profile, Kuisebmond, Namibia. Year: 1996.
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Training courses presented

- Training of Ecological Control Officers to manage/monitor filming operations in reserves. Year: 2001. Client: Western Cape Nature Conservation Broad.
 - Environmental Control Officer (ECO) training and EIA Application Management Workshop in partnership with DFFE. Year: 2012
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Publications

Shroyer, M E Kilian, D and Jackelman J (1999). Wilderness in an Urban Setting: Planning and Management of the Cape Peninsula National Park, Cape Town, South Africa. In Watson, Alan E.; Aplet, Greg. Personal Societal, and Ecological Values of Wilderness: Sixth World Wilderness Congress Proceedings on Research, Management, and Allocation, Volume. II, Proc. RMRS-P-000. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.

Shroyer, M E and Roseman, R (1998). Karakoram 1996 expedition, in the Journal of the Mountain Club of South Africa. NO 101. MCSA: Cape Town Section.

Shroyer, M E and Garaï, M (2000). Partnerships with non-human species. In the IAIA-SA National Conference proceedings, 2-4 October 200: Partnerships for the New Century.

Shroyer, M E Engelbrecht, M and Kaketso, O (2001). Wilderness Management Strategies in the Kgalagadi Transfrontier Park. International Journal for Wilderness Vol 7, No 2.

Shroyer, M.E. Conservation and Mountain Behavior. In The South African Mountain leadership Guide. A Handbook for leaders of hiking and mountaineering parties. Mountain Club of South Africa (2000).

Shroyer, M.E. and Cameron, E (2001). Giraffe Society. Timbila (July 2001).

Shroyer, M E Schoon, A and Hunziker, F (2003). An NGO's Contribution to Mountain Conservation in South Africa. In Watson, Alan & Sproull, J. Seventh World Wilderness Congress Symposium on Science and Stewardship to Protect and Sustain Wilderness Values. Proc. RMRS-P-27. Rocky Mountain Research Station, Forest Service, U.S. Department of Agriculture. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.

Shroyer, M E and Blignaut, P (2003) Mountain Conservation in South Africa. In Watson, Alan & Sproull, J. Seventh World Wilderness Congress Symposium on Science and Stewardship to Protect and Sustain Wilderness Values. Proc. RMRS-P-27. Rocky Mountain Research Station, Forest Service, U.S. Department of Agriculture. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.

Shroyer, M E Palmer, G and Wessels, N (2003). Wilderness conservation in the Western Cape Province, South Africa, where we are going. In Watson, Alan & Sproull, J. Seventh World Wilderness Congress Symposium on Science and Stewardship to Protect and Sustain Wilderness Values. Proc. RMRS-P-27. Rocky Mountain Research Station, Forest Service, U.S. Department of Agriculture. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.

Shroyer, ME, Watson, A & Muir (2003), A. Wilderness Research in South Africa. Defining Priorities at the intersection of Qualities, Threats, Values and Stakeholders. International Journal of Wilderness Vol 9 No 1.

Shroyer, ME, Boonzaaier, W, Ndabeni, C and Moshini, S. The Heritage Park Model (2007): A partnership approach to Park Expansion in poor rural areas (published in the proceedings of the 8th World Wilderness Congress).

Extra-mural activities

Mountaineering: I have been on expeditions and trails in Peru, Bolivia, Pakistan, Malawi, Tanzania, Namibia, Nepal, Switzerland, Italy, Germany, Austria, England, USA, Canada, Alaska, Madagascar, Botswana, Ethiopia, Azerbaijan, Costa Rica and South Africa.

Kayaking: I have kayaked in South Africa, Mozambique, Madagascar, Malawi and Costa Rica.

Mountain biking. I have cycled in South Africa, USA and Germany.

REFERENCES

1. Vuyiswa Radebe (previously Regional Manager: Garden Route National Park). Current position: Ezemvelo KZN Wildlife, Managing Executive Biodiversity Conservation Operations. Email: Vuyiswa.Radebe@kznwildlife.com Cell: 0828927836
2. Kristal Maze, General Manager: Park Planning and Development. Email: Kristal.Maze@sanparks.org Cell: 0828900188

I confirm that the above CV is an accurate description of my experience and qualifications.



MARETHA ALANT