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MASUNUNGURE CURRENT

CURRICULUM VITAE

Personal Information	<ul style="list-style-type: none">▪ Date of Birth 29 August 1987▪ Identity Number 870829 6246 18▪ Gender Male▪ Marital Status Single▪ Language English
Personal Profile	<ul style="list-style-type: none">▪ Holder of a Clean Code B Driver's License.• Determined, ambitious, self-motivated individual who can associate with any given culture and effortless master in complex environment.▪ A self-starter who takes initiatives, aware of time pressure and good at meeting deadlines.▪ Above all, I am a gentleman of integrity.
Career And Academic Objectives	<p>I aspire to join an organization that enhances my personal and career growth opportunities through challenging, exposing work assignments and developmental opportunities. I am looking forward to become an Environmental Consultant contributing immensely to sustainability science issues within the social-ecological systems paradigm. In this regard, I want to become a leading practitioner in the fields of climate change adaptation; environment and natural resources management; invasive species management, poverty and development. I believe that environmental challenges being faced in Africa at large can be solved by integrated research approaches. Therefore, I seek to apply inter and trans-disciplinary and Systems Analysis research approaches in understanding linked complex social-ecological systems. I am greatly inspired by the great work done by Professor Christo Fabricius, Professor Sheona E. Shackleton and Professor Anette Reenberg.</p>
Academic and Professional Qualifications	<p><u>CURRENT STUDIES (2017-2019):</u> PhD in Nature Conservation- Sustainability Research Unit, Nelson Mandela Metropolitan University, South Africa. Field of study: Risk and Decision Science Project scope: Decision Support System to prioritize invasive plant management in the Garden Route Biosphere Reserve of Western Cape, South Africa.</p> <p><u>RECENTLY COMPLETED STUDIES:</u> MSc. (Full Thesis) Environmental Science, Rhodes University, South Africa. Field of study: Sustainability science Thesis: Linking livelihood and ecosystem change in two dry-land sites of southern Africa over a period of 30 years. Degree Class: Pass</p>

30 July -03 August 2018:

Spatial Statistics. Nelson Mandela University, Earth Stewardship Science Research Institute (AEON)

09-13 July 2018:

Intersecting Qualitative with Mixed Methods research: Design and Implementation. Stellenbosch University, African Centre for Scholarship.

02-06 July 2018:

Essential Tools for “R”: Stellenbosch University, African Centre for Scholarship.

11-12 July 2017:

South African Green Industries Council (SAGIC) Invasive Species Training.

Module 1 Certificate: Identification and Legislation

Module 2 Certificate: Permits, Directives and Control Plans

03-05 May 2016:

Numerical Modeling with Application to Landscape Evolution Short Course- AEON (NMMU) and ISTERre at Université Grenoble Alpes (France). The purpose of this short course was to develop basic to advanced numerical modeling skills for the solution of Earth Sciences problems. Theoretical considerations were followed by the step-by-step construction of a landscape evolution model by the using a programming language, in this case Python, C, R, or Fortran.

01-02 September 2015:

Practical Adaptation Processes for Vulnerable Groups Training Course, Rhodes University. The course was filled with information and experiential learning sessions, and with a platform to share own experiences. Course covered key themes: Defining adaptation, Climate science and climate change projections for Eastern Cape, Vulnerability and change in the Eastern Cape, Human Scale Development & Adaptation, Practical adaptation case studies, tools and methods, A framework for supporting adaptation in communities.

20 April 2015:

The World Bank Group- Massive Open Online Course (MOOC): Turn Down the Heat: Why a 4°C Warmer World Must be Avoided. The course was designed to offer a strong foundation for understanding the science of climate change as the world could be heading towards a warming of 4°C, without policy changes. It offered powerful benefits that come from studying in a MOOC: networking with peers from all over the world, experimenting with digital and visual ways of representing climate change knowledge, and connecting the dots between climate change and extreme events that are already occurring across the globe.

June 2014:

Introduction To Geographic Information Systems Short Course, Rhodes University Geography Department. Short course broadly covered- understanding the nature of geographical data, data capture and creation, spatial data analysis, and making maps and other output formats.

30 June- 04 July 2014:

Southern African Program on Ecosystem Change and Society (SAPECS)- Winter School Program, Nelson Mandela Metropolitan University: Areas covered include- introduction to complexity, trans-disciplinarity, social-ecological systems and resilience; engaging with stakeholders, project designing, data collection.

	<p><u>2009- 2012:</u> B.Sc. (Hons) Forest Resources and Wildlife Management, <i>National University of Science and Technology (NUST), Zimbabwe.</i> Degree Class: First Class - Distinction <u>Thesis:</u> Influence of site characteristics on growth and productivity of <i>Pinus patula</i>, a case of Cashel Pine Plantation in Chimanimani. ACADEMIC AWARDS <ul style="list-style-type: none"> ▪ NUST Book Price for Industrial attachment. ▪ Best Overall Graduating Student (Faculty of Applied Sciences) ▪ Vice Chancellor's Book Price for First Class Degree. <u>2003- 2006:</u> 3 Advanced Levels (Mathematics, Biology and Chemistry), 9 Ordinary Level (including Mathematics, Sciences and English), Mt Selinda High School. Zimbabwe School Examination Council.</p>
Scholarships, Bursaries and Awards	<p><u>2018:</u> South African Systems Analysis Centre (SASAC) 2018: Doctoral Scholarship for Research using a Systems Analysis Methodology. British Council Newton Fund: International Doctoral Training Partnership: South Africa-United Kingdom (Sterling University, Scotland). <u>2017:</u> Nelson Mandela University Postgraduate Research Scholarship, Doctoral. <u>2017:</u> National Research Foundation (NRF) Award: Prestigious funding for PhD fieldwork costs: transport, accommodation, research assistants and subsistence. <u>2016:</u> Department of Environmental Affairs PhD Bursary. Grant administered by Nelson Mandela Metropolitan University and Sustainability Research Unit. <u>2014:</u> Awarded the prestigious Beit Trust-Rhodes Postgraduate Scholarship, for 2 years, in order to read for a M.Sc. Environmental Science at Rhodes University, South Africa. <u>2014:</u> National Research Foundation (NRF) Award: Prestigious funding for MSc fieldwork costs: transport, accommodation, research assistants and subsistence.</p>
Current and Recent Work Experience	<p>SUSTAINABILITY RESEARCH UNIT, NELSON MANDELA UNIVERSITY Position: Student Representative Period: July 2018 <i>to date</i> Duties and Responsibilities <ul style="list-style-type: none"> • Sit in the management committee • Represent student affairs SUSTAINABILITY RESEARCH UNIT, NELSON MANDELA UNIVERSITY Position: Research Consultant Period: September 2016 <i>to date</i> Duties and Responsibilities <ul style="list-style-type: none"> • Research consultancy services, currently working on a Baboon Project in Saasveld AFRICA RESILIENCE COLLABORATIVE Position: Senior Socio-Ecological Systems Resilience and Climate Adaptation Officer Period: January 2018 <i>to date</i> Website: http://africareilience.org/team/</p>

	<p>Duties and Responsibilities</p> <ul style="list-style-type: none"> • Consultancy services in Agriculture and Livelihood Securities; Urban Resilience and Disaster Risk Management; Water, Sanitation and Hygiene (WASH) • Climate Knowledge Brokerage, • Outreach and Advocacy. <p>SOUTHERN AFRICAN SYSTEMS ANALYSIS CENTRE (SASAC) Position : Deputy Student Representative Period : January 2018- December 2020</p> <p>RUNWAY ORGANISATION (Reg no:176-039NPO) Position : Board Advisor Period : May 2017 to date</p> <p>Duties and Responsibilities</p> <ul style="list-style-type: none"> • Overseeing matters of the organisation • Fostering open and transparent relations between our donors and stakeholders • Designing Runway programmes, e.g., career guidance, mentorship programmes <p>ESKOM EXPO FOR YOUNG SCIENTISTS Position : Mentor Period : 01 March 2017 to date</p> <p>Duties and Responsibilities</p> <ul style="list-style-type: none"> • Inspire young student scientists to enter the Eskom EXPO for Young Scientist • Guide students in their science project topic selection • Advise students on ethics related to their science projects • Facilitate the process as students conduct scientific research • Prepare students for the judging interview <p>NELSON MANDELA UNIVERSITY Department: School of Natural Resource Management Position: Graduate Assistant Period: September 2016 to date</p> <p>Duties and Responsibilities</p> <ul style="list-style-type: none"> • Tutoring and assistant to undergraduate scholars <p>RHODES UNIVERSITY Department: Environmental Science Position : Graduate Assistant (Part-Time) Period : March 2014 To March 2016</p> <p>Duties and Responsibilities</p> <ul style="list-style-type: none"> • Evaluating and marking, assignments and papers and recording grades • Field work, field trip assistants <p>NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY (NUST) Department : Forest Resources and Wildlife Management Position : Teaching Assistant/ Assistant Lecturer Period : 01 March 2013 to 03 March 2014</p> <p>Duties and Responsibilities</p> <ul style="list-style-type: none"> • Teaching undergraduate level courses • Proctoring final year students in their research projects • Stimulating interest, enthusiasm, and encouraging student initiative • Assisting faculty members or staff with student conferences, tutorials and laboratory
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	<p>or field research.</p> <ul style="list-style-type: none"> • Maintaining departmental library collections • Evaluate and grade examinations, assignments and papers and record grade • Participating in university services <p>FOREST COMMISSION OF ZIMBABWE (FCZ) Division : Conservation and Extension Division (CONEX) Position : Attaché/ Intern Period : 1st of Sept 2010 to 31st of May 2011. Duties and Responsibilities</p> <ul style="list-style-type: none"> • Representing Forestry Commission in Chipinge District's Civil Protection Unit- planning and implementation of different programmes related to human safety and security. • Planning and implementing the provision of adequate educational system and technical advice in the District to create a user-friendly environment for all which promotes the sustainable utilisation of forest resources. • Offering training to communities, small-scale plantation farmers and general public on forestry and environmental issues. • Network with other organisations such as EMA, AGITEX, and NGO's in forestry related issues such as Fire Awareness campaigns. • General office work carrying out duties such as attending to phone calls, office cleaning, typing and printing documents, compiling minutes of meetings attended, and monthly progress report writing among others. • Attending and organising corporate meetings, workshops, seminars and refresher courses. • Promoting Tree planting and woodland management in communal areas.
Computer and Programming Skills	<ul style="list-style-type: none"> ▪ Microsoft: Word, Excel and PowerPoint ▪ E-mail, internet and web browsing. ▪ Statistical Packages: <i>SPSS 21; STATISTICA; Nvivo; CANOCO 5; Atlas ti; Stella</i> (Systems Analysis), <i>DECERNS</i> and R. ▪ GIS- ArchView, Quantitative and qualitative analysis. ▪ Design Packages: including Picasa and Adobe Photoshop. ▪ Programming Languages: Python, R, and Fortran.
Hobbies and Interests	<ul style="list-style-type: none"> ▪ Reading Environment and Business Journals, Internet Browsing (Research), mountain climbing and watching soccer.
Conferences Attended/ Presented	<p>South African Systems Analysis Centre (SASAC) 2018 Capacity Development Programme, 25 June-20 July 2018. Stellenbosch University, South Africa.</p> <p>Herve Fritz, Bianca Currie, Christo Fabricius, Chloe Guerbois, Dirk Roux, Lyn Snodgrass, Zanele Hartmann, Current Masunungure and Sam McCulloch. <i>Collaborative long-term research at the interface: a catalyst for transformational change towards sustainability in Africa. Seedbeds of Transformation, 9-11 May 2018.</i></p> <p>South African Systems Analysis Centre (SASAC) 2018 Inception programme, 15-26 January 2018. Venue: Kolping Guest House, Durbanville, Cape Town</p>

	<p>Current Masunungure (2017). <i>Decision support system to prioritize invasive plant management activities in the Garden Route, South Africa.</i> Presentation: Garden Route Interface Meeting, 2017.</p> <p>Current Masunungure (2017). <i>Exploring long-term livelihood and natural resource change: implications and future trajectories.</i> Paper presentation: Resilience for Development Colloquium 2017, Johannesburg South Africa.</p> <p>NRM National Management, Research and Planning Forum (MAREP, 2016), 12-14 October 2016. Pretoria National Botanical Gardens.</p> <p>Current Masunungure (2013). <i>An assessment of the honey flows, production and marketing system in the post-land reform era in Zimbabwe.</i> Paper presentation: N.U.S.T Annual Research Day, 27 August, 2013.</p>
Published and Manuscripts in Progress	<p>Current Masunungure, Sheona E. Shackleton. <i>Exploring Long-Term Livelihood and Landscape Change in two Semi-Arid Sites in Southern Africa: Consequences for Vulnerability.</i> Journal name: Land. Manuscript ID: land-280144. Type of manuscript: Article. Received: 22 February 2018 Accepted: 11 April 2018; Published: 16 April 2018.</p> <p>Christo Fabricius, Bianca Currie, Samantha McCulloch and Current Masunungure. Co-author: <i>Breede Gouritz Catchment Management Agency Stakeholder Engagement strategy (2017).</i> [In review]</p>
References	<p>Dr. Tineke Kraaij Research and Lecturer School of Natural Resource Management - Department of Nature Conservation Nelson Mandela University South Africa Email: tineke.kraaij@nmmu.ac.za Tel: +27 44 801 5018</p> <p>Prof. Christo Fabricius Head: Sustainability Research Unit Nelson Mandela Metropolitan University Madiba Drive, George 6530 South Africa Email: christo.fabricius@mandela.ac.za Tel: +27 44 8015111 Cell: +27 83 6318828</p> <p>Prof. Sheona E. Shackleton Professor and Head of Department Department of Environmental Science Rhodes University, Grahamstown 6140 South Africa Tel: +27 466037009 Cell: +27 828894075 Email: s.shackleton@ru.ac.za</p>