

## Curriculum Vitae: Staci Warrington

Nationality	South African
Education	<p>BSc Biodiversity and Ecology (2016) Department of Botany and Zoology, Stellenbosch University</p> <p>BSc (Honours) Biodiversity and Ecology (2017) DSI-NRF Centre of Excellence for Invasion Biology (C·I·B), Department of Botany and Zoology, Stellenbosch University</p> <p>MSc Botany (2020) DSI-NRF Centre of Excellence for Invasion Biology (C·I·B), Department of Botany and Zoology, Stellenbosch University</p>
Languages	English (fluent), Afrikaans (fair)

## Employment record

Apr 2023 – Current	<p>Project Coordinator OneWorld Sustainable Investments Cape Town, South Africa</p>
Jan 2023 – Apr 2023	<p>Project Assistant OneWorld Sustainable Investments Cape Town, South Africa</p>
Jul 2022 – Jan 2023	<p>Research Intern OneWorld Sustainable Investments Cape Town, South Africa</p>
Aug 2021 – Feb 2022	<p>Research Assistant Bioscience Research CC Durbanville, South Africa</p>

## Relevant professional experience

February 2023 – May 2023	<p>USAID Resilient Waters Program (RWP): Facilitation of Grantees Workshop Chemonics, funded by USAID</p> <p><b>Assistant</b></p> <p>RWP is a 5-year programme that aims to build more resilient and water-secure Southern African communities and ecosystems across the Limpopo and Okavango River basins. Preparation and facilitation of 2-day grantees workshop aimed at reflecting on the journey of the programme, as it comes to a close in June 2023.</p> <p>Specific tasks included capturing discussions during the workshop and assisting the lead facilitator with preparing participants for the various workshop sessions. Contributed to final workshop report which captured the insights from the workshop.</p>
September 2022 – Current	<p>Business Development Operations OneWorld Sustainable Investments</p> <p><b>Business Development Support</b></p>



Providing support to the development of technical and financial proposals for variety of funders.

Tasks include the identification of business opportunities; compilation of project teams; assisting with the development of proposals, including developing workplans, drafting approaches and methodologies, compiling relevant project experience, client references, and the compilation of compliance documentation, and developing project budgets and financial proposals.

December 2022 –  
June 2023

Conducting Climate, Energy, and Environment Landscape Analysis for Children in South Africa

UNICEF South Africa and United Nations Environment Programme (UNEP)

**Research Support**

The key objectives of this assignment are to conduct a climate landscape analysis for children in South Africa by examining the countries baseline situation of climate, energy and environment-related issues affecting children and how they relate to UNICEF’s priorities. The report will provide stakeholders insights, government policies overview and review of relevant CCE programmes in South Africa. It will also provide recommendations on how UNICEF South Africa could further incorporate and strengthen climate, energy, and environment-related actions into the current country programme.

Responsibilities include researching and analysing the baseline climate and environmental situation in South Africa and how these are likely to change under future climate change projections. This included in-depth research of the dominant natural features influencing climate, the observed historic climate trends, and projections of future climate under two climate change scenarios as well as a review of the main environmental challenges currently facing South Africa. A 1<sup>st</sup>-to-4<sup>th</sup> order analysis based on this information was also conducted.

November 2022 –  
March 2023

Mid Term Review (MTR) of the DBSA/SANBI GEF Project: ‘Unlocking Biodiversity Benefits Through Development Finance in Critical Catchments’

Development Bank of Southern Africa (DBSA) and South African National Biodiversity Institute (SANBI), funded by the Global Environment Facility (GEF)

**Project Assistant**

Development of the independent Mid-Term Review (MTR) of a DBSA/SANBI project that aims to increase water security in South Africa through improving ecological infrastructure and rehabilitation to natural assets using two demonstration catchments in South Africa. The MTR reviewed the project’s progress to determine whether the project will provide improved outcomes for communities through enhanced ecological infrastructure and biodiversity as a result of policy shifts; and whether the project is showing evidence of progress towards achieving this.

Responsibilities include drafting and finalising the MTR report and producing a close-out and lesson learnt report, through stakeholder engagement, workshops and document review.

October 2022- April  
2023

Support for Facilitation and Events Management for Energy Dialogues

Presidential Climate Commission (PCC) /National Economic Development & Labour Council (NEDLAC), South Africa

**Project Assistant**

The PCC is developing a set of recommendations to the government regarding critical decisions – particularly on energy policy and governance - that need to be made to accelerate decarbonisation in energy systems and grow jobs in new low-carbon energy industries, in ways that promote a socially just transition.

Supported the process through developing and managing a database (over 1600 entries) of the social partners involved in the energy transition. Other tasks included sending invitations to stakeholders, capturing discussions during the dialogues and analysing these in a comment matrix of stakeholder perspectives and feedback



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September 2022 – February 2023      Developing a State of the Marine Environment Report (SOMER) of the Benguela current Large Marine Ecosystem (BCLME)

Benguela Current Commission (BCC)

**Research Support**

The key objective of this assignment is the development of the second State of the Marine Environment Report (SOMER) for the BCLME, which will be based on reviewing and assessing the Drivers, Pressures, State, Impacts and Responses of the BCLME with a focus on climate change, along with recommendations for strengthening the response of the BCLME to climate change, through the BCC.

Responsibilities include literature review and compilation of various sections of the report, including the introduction to the physical characteristics of the BCLME, the potential of blue carbon ecosystems in the BCLME, the responses to various pressures acting on the BCLME, etc. Academic literature, national policy and strategy documents as well as national reports and various communications to the UNFCCC, etc. were all included in the literature review.

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July 2022 – January 2023      Development of a Climate Landscape Analysis for Children (CLAC) including a Climate Financing Strategy for two priority areas in Angola

UNICEF

**Research Support**

The CLAC report aims to understand the overall Climate, Environment and Energy (CEE) landscape in Angola in terms of data availability, existing law, policy and regulations, risks to children and potential benefits of climate actions, and the gaps in its consideration for children and child-sensitive approaches, to inform UNICEF's ongoing and future programmes in the country.

Responsibilities include literature review and compilation of the climate landscape in Angola, including historic and current climate trends, future climate projections under various climate change scenarios and the associated potential impacts these would have on various sectors in Angola, such as agriculture, energy production and WASH, all through a child-focused lens, and the compilation of a 1<sup>st</sup>-to-4<sup>th</sup> order impact analysis based on this research.

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December 2021 – November 2022      Establish market demand for and design a Financial Sector Credit Facility for micro, small and medium enterprises (MSMEs) in Egypt, Kenya, Nigeria, and South Africa

African Development Bank (AfDB)

**Research Support**

To develop a green credit facility in order to scale up MSMEs' access to climate finance and to promote green investments in relevant sectors of the economy through mobilising concessional and non-concessional resources to African MSMEs and Youth led businesses.

Responsibilities included assisting with the collation of stakeholder interviews into a single stakeholder engagement report detailing the demand for the credit facility and the gaps and needs that the credit facility would address.

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December 2021 – February 2022      Fumigation Manual compilation  
Bioscience Research CC

**Co-author and lead researcher**

The assignment included researching and compiling a training manual for fumigation within the agricultural sector.

Lead author for the first half of the manual. Thorough research of the topics covered by the manual and collating this information into a comprehensive and coherent training manual. The manual covered topics such as the laws and regulations surrounding fumigation practices, health and safety protocols, the basic equipment required to conduct fumigations,

an overview of the physio-chemical properties of dominant active ingredients used in fumigant products, instructions under various fumigation scenarios, and an overview of the various agricultural pests controlled by fumigation.

November 2021 –  
January 2022

Content research for staff training programmes

Bioscience Research CC

**Lead researcher**

The assignment entailed conducting research and compiling reports for the Bioscience Research CC Training Manager to use as resource material during staff training programmes.

Lead researcher for training resource materials for various training programmes. The topics covered included the physio-chemical properties of active ingredients found in agricultural pest control products and how these ingredients acted on the target pest, the physiology and ecology of dominant weeds infesting various grain and cereal crops within the Western Cape of South Africa, and the physiology and ecology of microorganisms used as biocontrol agents in the agricultural industry.

June 2013

Interdepartmental Youth Environmental Education and Leadership Camp

Ministry of Provincial Social Development, Chrysalis Academy and Cape Nature

**Co-facilitator**

The project entailed a provincial youth development intervention with a focus on environmental education and leadership skill development.

Youth between the ages of 18 and 25 were taken on an environmental education camp where they were taught the foundation skills of environmental protection and management, leadership, and project management skills. I assisted with course content delivery during group assignments and lead groups on guided nature walks to teach them more about the local environment.

**Publications**

**Peer-reviewed Scientific Papers**

Warrington, S., Ellis, A.G., Novoa, ... and Le Roux, J.J., 2019. Cointroductions of Australian acacias and their rhizobial mutualists in the Southern Hemisphere. *Journal of Biogeography*, 46(7), pp.1519-1531. DOI: 10.1111/jbi.13602

Le Roux, J.J., Leishman, M.R., Cinantya, A.P... and Yannelli, F.A., 2020. Plant biodiversity in the face of global change. *Current Biology*, 30(9), pp.390-391. DOI: 10.1016/j.cub.2020.02.066

Warrington S., Ellis A.G., Keet J-H., Le Roux J.J., 2022. How does familiarity in rhizobial interactions impact the performance of invasive and native legumes? *NeoBiota* 72, pp. 129–156. DOI: 10.3897/neobiota.72.79620

Warrington, S., Ellis, A.G. and Le Roux, J.J., 2022. Invader-induced soil abiotic and biotic conditions have little impact on the competitive interactions between a native and an invasive legume. *South African Journal of Botany*, 151, pp.591-603. DOI: 10.1016/j.sajb.2022.10.043

**Presentations**

Warrington, S. (2017). Fynbos Forum. “Testing major plant-microbial mutualism hypotheses in invasion ecology: a case study using Australian acacias and rhizobia”. Swellendam, South Africa, 31 July - 3 August 2017.

Warrington, S. (2017). Ecology and Management of Alien Plant invasions (EMAPi) conference. Flash talk “Do co-introduced exotic rhizobia facilitate Australian acacia invasion success?”. Prague, Czech Republic, 9 - 13 September 2019.

