



SOUTH AFRICA



ENVIRONMENTAL LEADERS 2023 GRADUATE INTERNSHIP PROGRAMME

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Gain valuable experience, network in professional communities of practice and participate in meaningful work for the environment.

If you have graduated in the natural, legal, engineering, arts, business or social sciences, we invite you to apply for an internship with WWF, South Africa's 2023 Environmental Leaders Graduate Internship Programme.

The World Wide Fund for Nature, South Africa (WWF, South Africa) is a leading global environmental organisation with a vision of a future in which people and nature thrive. To realise this vision, WWF, South Africa invests in the development of future leaders for the environment through a year-long graduate internship placement, from 1 April 2023 to 31 March 2024. Interns are placed with WWF, South Africa's environmental programmes and partner organisations associated with our work. Working with a dedicated and trained mentor, you will have an opportunity to get involved with the work of the organisation with which you are placed and interact with professionals pursuing the same vision of a better world for all.

To apply you would ideally have

- Completed a post graduate degree in the natural, legal, engineering, arts, business and/or social sciences. First degree graduates are considered only in the case of exceptional academic achievement.
- A commitment to career development in the environment sector.
- A demonstrated and clearly articulated commitment to a better and sustainable world for all.
- A record of exceptional academic and professional achievement.
- Exceptional leadership potential.
- Southern African citizenship.

To support the growth of inclusivity and diversity in the environment sector, Black South African graduates are strongly encouraged to apply.

To submit an application

- Download and complete the [application form](#).
- Review the placement opportunities below and then motivate for your three preferred placements, in the application form.
- Attach the following documents to support your application:
 - Certified copy of your ID or passport.
 - Certified copy / copies of your academic transcripts only. Certificates need not be included.
 - An abridged CV of no more than 2 pages.
- Please merge these documents and save using your name and surname as the file name. Do not submit any additional documentation with your application, other than those specified.
- Submit your completed application, with supporting documentation, by [email](#) to Mrs. Lameez Bayat-Janson at WWF, South Africa.

Deadline: 16:00 on Wednesday 31 August 2022

No late applications will be considered.

WWF, South Africa cannot guarantee placement but will endeavour to place interns in an opportunity relevant to their academic background and career interest.

Communication will be entered into with shortlisted candidates only. Should you have had no response from our offices by 15 January 2023, please consider your application unsuccessful.

2023 INTERNSHIP OPPORTUNITIES

Biotechnologists

study the anatomy, physiology and characteristics of living organisms and isolated biological molecules and develop new materials for applying to a range of purposes.

Conservation Scientists

perform tests and experiments and provide technical support functions to assist Environmental Scientists and Technologists in research and teaching.

Ecologists

develop and implement programs and regulations for protecting fish, wildlife and other natural resources.

Education and Extension Officers

facilitates community development initiatives and collective solutions within a community to address issues, needs and problems associated with recreational, health, housing, employment and other social services matters.

Energy Efficiency Technicians

evaluates electrical installations, equipment and processes and collects data and makes recommendations on energy usage and efficiency.

Environmental Economists

performs economic research and analysis; develops and applies theories about production and distribution of goods and services, and people's spending and financial behaviour; and provides advice to governments and organisations on subjects relating to economic policies.

Environmental Impact and Restoration Analysts

analyses and modifies new and existing environmental engineering technologies and applies them in the prevention, control, and remediation of environmental problems, including waste treatment and site remediation.

Environmental Lawyers

focuses on litigation having to do with a broad range of environmental concerns including air and water quality, climate change, land use and agricultural issues, parks, game reserves and wilderness preservation, wildlife and biodiversity protection, as well as problems concerned with resource extraction and transportation, chemicals and pesticides and waste disposal.

Environmental Managers

plans, organises, directs, controls and coordinates the development and implementation of an environmental management system within an organisation by identifying, solving and alleviating environmental issues such as pollution and waste treatment in compliance with environmental legislation and ensures corporate sustainable development.

Environmental Officers

studies and develops policies and plans for the control of factors which may produce pollution, imbalance or degradation of the environment.

Geneticists

study the anatomy, physiology and characteristics of living organisms and isolated biological molecules and develop new materials for applying to a range of purposes.

GIS Technicians

assists scientists, technologists, or related professionals in building, maintaining, modifying, or using geographic information system (GIS) databases. May also perform some custom application development or provide user support.

Marine Biologists	study the anatomy, physiology, functions, characteristics, behaviour, and environments of all forms of life living in the sea and connected water bodies.
Plant Taxonomists	studies the anatomy, physiology, biochemistry and ecology of plants.
Programmer Analysts	designs, develops, modifies documents and tests, implements, installs and supports software applications and systems.
Statisticians	designs and applies statistical principles and techniques for collecting, organising and interpreting quantifiable data, and uses statistical methodologies to produce statistical reports and analyses for government, commercial and other purposes.
Sustainability Managers	plan, organise, direct, control and coordinate sustainability or environment-related risk assessments, develop methodologies to assess the viability or success of sustainability initiatives and the monitoring and evaluation thereof.
Water Quality Analysts	analyses and develops policies and plans for the control of factors which may produce water pollution.
Zoologists	studies the anatomy, physiology, characteristics, ecology, behaviour and environments of animals.

BIOTECHNOLOGIST

South African National Biodiversity Institute

Pretoria

The South African National Biodiversity Institute (SANBI) manages and conserves biological diversity giving effect to ratified international agreements and providing for co-operative governance in biodiversity management and conservation.

The intern will assist with collecting, processing and banking samples, data capture and analysis, the management of equipment and preparing sample requests.

Work areas include supporting sample management, data capturing, laboratory management and administration.

CONSERVATION SCIENTIST

North-West University, School of Biological Sciences

Potchefstroom

The School of Biological Sciences in the Faculty of Natural and Agricultural Sciences brings together teaching and research in Botany, Microbiology, Zoology and Environmental Sciences.

The School offers an internship opportunity to participate in research projects in plant ecology, sampling and preparation of plant material for practical training.

Work areas include research support, community engagement and practical training support.

South African National Biodiversity Institute

Cape Town

The South African National Biodiversity Institute (SANBI) manages and conserves biological diversity giving effect to ratified international agreements and providing for co-operative governance in biodiversity management and conservation.

The intern will help analyse data collected through the Sustainable Wildlife Economies Project to produce knowledge products on the contributions of the wildlife economy to sustainable development. He or she will also help design decision-data pathways to mainstream the information into policy and practice.

Work areas will involve data analysis and visualisation, science writing and communication, project management, and stakeholder engagement.

South African National Parks

Cape Town

South African National Parks (SANParks) manages a network of 19 national parks covering more than four million hectares, to conserve biodiversity by strengthening the national and global conservation estate, effectively managing ecosystems, species and cultural heritage resources and promoting equitable and sustainable use of biological resources.

The intern will be involved with the dissemination of biodiversity, conservation and management information, data collation, literature reviews and updating and reporting biodiversity information in specific parks.

Work areas will include reviewing and collating information, updating existing information through literature reviews, drafting reports, updating references and assisting with field projects.

South African National Parks

Garden Route

South African National Parks (SANParks) manages a network of 19 national parks covering more than four million hectares, to conserve biodiversity by strengthening the national and global conservation estate, effectively managing ecosystems, species and cultural heritage resources and promoting equitable and sustainable use of biological resources.

The intern will support and assist with estuarine and marine social-ecological research and monitoring, data management, analysis and writing.

Work areas will include supporting research administration, coordination and organisation of field trips, field work, assisting with the processing and archiving of baited remote underwater video deployments, and maintenance of equipment and asset management.

TRAFFIC

Cape Town

TRAFFIC is an international non-governmental organisation working to ensure that trade in wild animals and plants is not a threat to the conservation of nature. We actively monitor and investigate wildlife trade and provide information for effective conservation policies and programmes.

The intern will assist with the implementation of a number of TRAFFIC projects, with a strong focus on the trade in marine fisheries products.

Work areas include research support, data analysis and visualisation, stakeholder engagement, policy analysis and logistical support.

TRAFFIC

Pretoria

TRAFFIC is an international non-governmental organisation working to ensure that trade in wild animals and plants is not a threat to the conservation of nature. We actively monitor and investigate wildlife trade and provide information for effective conservation policies and programmes.

The intern will provide technical support to the United Nations Development Programme (UNDP)-Global Environmental Facility (GEF) project focused on a specific medicinal plant. He or she will also be involved with a new project focused on using AI technology to prevent illegal wildlife trade.

Work areas will involve support in research, scientific writing, stakeholder engagement, data analysis and logistics.

ECOLOGIST

South African Institute for Aquatic Biodiversity

Grahamstown

The South African Institute for Aquatic Biodiversity (SAIAB) is an internationally recognised centre for the study of aquatic biodiversity. We undertake research to understand aquatic biodiversity and the functioning of globally significant aquatic ecosystems. We focus on ecology and conservation biology and genetics and species diversity.

The intern will be involved in multidisciplinary research investigating the potential of nature-based structures to enhance coastal biodiversity and assist postgraduates and scientists in ecological, physiological and molecular research.

Work areas of the internship covers research support, science communication, stakeholder engagement and administrative support.

South African National Parks

Skukuza

South African National Parks (SANParks) manages a network of 19 national parks covering more than four million hectares, to conserve biodiversity by strengthening the national and global conservation estate, effectively managing ecosystems, species and cultural heritage resources and promoting equitable and sustainable use of biological resources.

The intern will gain experience in integrated water resource management for protected areas from catchment planning to aquatic ecosystem monitoring and reporting and constituency building. He or she will be exposed to internal technical mechanisms for water stewardship and compliance.

Work areas for this internship include aquatic ecosystem bio-monitoring, analysis, modelling, report writing and literature reviews, stakeholder engagement and scientific writing.

EDUCATION AND EXTENSION OFFICER

Nature's Valley Trust

Natures Valley

The Nature's Valley Trust (NVT) is a small community driven NPO involved in Conservation, Education, Community and Research. We take a holistic view of people and the environment, and our programmes aim to shape how people live, view the world around them, and how they can contribute to conserving the natural world.

An internship opportunity is offered to assist with environmental education programmes, resource materials development and community awareness and outreach.

Work areas involve environmental education support, supporting social media engagement, resource materials development and supporting community engagement.

ENERGY EFFICIENCY TECHNICIAN / MANAGER

The Centre for Renewable and Sustainable Energy Studies

Stellenbosch

The Centre for Renewable and Sustainable Energy Studies (CRSES) at Stellenbosch University supports the development of a sustainable future for Africa through renewable and sustainable energy research, advisory services, awareness campaigns and training programmes.

The intern will be involved in a school project to implement renewable energy and sustainable technologies.

Work areas include research and engineering support, design and communications.

ENVIRONMENTAL ECONOMIST

Institute for Economic Justice

Johannesburg

The Institute for Economic Justice (IEJ) provides rigorous economic analysis for policymakers and the public to address poverty, underdevelopment, and inequality in South Africa, the region and the continent.

The intern will assist with developing climate change toolkits, statistical verification and research for policy briefs and position papers. He or she will also assist with administrative duties such as with organising workshops and webinars.

Work areas will include research support, data and statistical analysis and administrative support.

ENVIRONMENTAL IMPACT AND RESTORATION ANALYST

South African National Parks

Kimberley

South African National Parks (SANParks) manages a network of 19 national parks covering more than four million hectares, to conserve biodiversity by strengthening the national and global conservation estate, effectively managing ecosystems, species and cultural heritage resources and promoting equitable and sustainable use of biological resources.

The intern will assist with assessing and mapping land degradation as well as developing and implementing restoration plans.

Work areas will involve degradation assessment, research, planning, monitoring and reporting.

ENVIRONMENTAL JOURNALIST

Sustainable Energy Africa

Cape Town

Sustainable Energy Africa (SEA) is a Section 21 (not for profit) organisation and has been supporting local government in South Africa for over 20 years, with a focus on electricity distribution and sustainability. Its mission is to promote the development of an equitable, low-carbon, clean energy economy, with a focus on efficient use of energy, transitioning to more sustainable energies and access to safe and affordable energy for all.

An intern will be involved in project content generation and communication, managing SEA websites, social media, media, videos and publications. He or she will also support with organisational administration including but not limited to preparing reports, events coordination, data collection and filing.

Work areas of the intern include writing, editing and proof reading and design of graphics for publications, presentations, etc. and assisting with stakeholder engagement, website content management, social media management, photography and videography.

ENVIRONMENTAL LAWYER

South African National Parks

Cape Town

South African National Parks (SANParks) manages a network of 19 national parks covering more than four million hectares, to conserve biodiversity by strengthening the national and global conservation estate, effectively managing ecosystems, species and cultural heritage resources and promoting equitable and sustainable use of biological resources.

Focussing on national park expansion through land purchase and contractual agreements, the intern will provide legal support to ensure legal compliance and best practice in South Africa.

Work areas will include legal support for national parks for park expansion, planning and development and contracting.

ENVIRONMENTAL MANAGER

South Africa Climate Action Network

Johannesburg

The South Africa Climate Action Network (SACAN) is part of a worldwide network of over 1300 NGOs in over 130 countries working to promote government and individual action to limit human-induced climate change to ecologically sustainable levels.

The intern will work closely to support and strengthen stakeholder engagement with civil society organisations across South Africa. He or she will assist with administration and organise events, workshops, and webinars as well as support the maintaining and updating of the SACAN website and social media pages.

Work areas will include research, stakeholder engagement, events coordination, content management and administration.

ENVIRONMENTAL OFFICER

WWF South Africa

Cape Town

WWF's vision is a future in which people and nature thrive working toward lasting positive outcomes for people and nature.

As part of a regional plastics initiative, the intern will be involved with research and reporting on the latest scientific evidence, initiatives, policy and legislation to address plastic pollution in African countries towards policy development and advocacy for a new global treaty. There is opportunity for stakeholder mapping and maintaining a regional database to convene regional workshops and policy dialogues, support and campaigns.

Work areas include research, strategic communications and stakeholder engagement and report writing, administrative and logistical support.

WWF South Africa

Johannesburg

WWF's vision is a future in which people and nature thrive working toward lasting positive outcomes for people and nature. An internship opportunity exists with our Climate Action to Accountability (CAAP) programme focused on building civil society, particularly youth capacity to participate in climate policy development and action.

The intern will contribute to the overall project delivery which will include, but is not limited to coordination, planning and running various project actions and events. He or she will also support the project administratively.

Work areas with which the intern would engage include research, stakeholder engagement, events coordination, and managing the Youth Climate Champions secretariat.

GENETICIST

South African National Biodiversity Institute

Pretoria

The South African National Biodiversity Institute (SANBI) manages and conserves biological diversity giving effect to ratified international agreements and providing for co-operative governance in biodiversity management and conservation.

The intern will apply bioinformatics tools to compare, analyse and interpret genetic and genomic data, to understand the evolutionary aspects of human and animal diseases, using molecular biology techniques in disease epidemiology.

Work areas include sample collection and analysis, molecular biology sequencing and phylogenetics analyses, statistical analysis, and field work.

GIS TECHNICIAN

M.A.P Scientific Services

Pretoria

M.A.P Scientific Services (MAPSS) is an environmental consulting company supporting responses to the world's most challenging environmental problems. Using the latest geospatial technology and big data analytics, we develop customized data-driven solutions that support the monitoring of protected area conservation, ecological restoration, fire management and sustainable development projects throughout Africa.

The intern will be involved in gathering, creating, maintaining, displaying and updating GIS databases using ArcGIS software.

Work areas include GIS data management, ArcGIS implementation, GIS workflow management and partner engagement.

MARINE BIOLOGIST

Two Oceans Aquarium

Cape Town

The Two Oceans Aquarium inspire people to care about our oceans. The Education Foundation operating alongside the Aquarium offers various environmental education, conservation, research and welfare activities.

The intern will be involved in 4 activities: animal husbandry, collections, management and health, turtle rehabilitation and marine wildlife management, research and environmental education.

Work areas include collections husbandry, research, marine wildlife management and environmental education.

MOLECULAR BIOLOGIST

South African Institute for Aquatic Biodiversity

Grahamstown

The South African Institute for Aquatic Biodiversity (SAIAB) is an internationally recognised centre for the study of aquatic biodiversity. We undertake research to understand aquatic biodiversity and the functioning of globally significant aquatic ecosystems. We focus on ecology and conservation biology and genetics and species diversity.

The intern will conduct genomic DNA extractions from environmental samples, conduct PCR and associated purification, quantification, and electrophoresis procedures, conduct regular stock-take of reagents, consumables and chemicals, prepare solutions and reagents and manage laboratory stocks.

Work areas include research support, laboratory management and assisting the functioning of the genomics platform.

MONITORING AND EVALUATION X 2

WWF South Africa

Cape Town

WWF's vision is a future in which people and nature thrive working toward lasting positive outcomes for people and nature.

As part of the Organisational Performance Team, the intern will, support monitoring and evaluation through data collection, collation, processing and management; designing and developing the required data collection tools; analysis of data and visual representations of findings, insights and recommendations.

Work areas will include data collection, management and supporting reporting and internal stakeholder engagement and support to access and use monitoring and evaluation data.

PLANT TAXONIMIST

South African National Biodiversity Institute

Durban

The South African National Biodiversity Institute (SANBI) manages and conserves biological diversity giving effect to ratified international agreements and providing for co-operative governance in biodiversity management and conservation.

The intern will assist with verifying data, scanning of specimens, field work and writing of popular articles.

Work areas will involve verification, digitizing and scanning, field work and scientific writing.

PROGRAMMER ANALYST

South African National Biodiversity Institute

Cape Town

The South African National Biodiversity Institute (SANBI) manages and conserves biological diversity giving effect to ratified international agreements and providing for co-operative governance in biodiversity management and conservation.

The intern will be involved with analysis and programming to support biodiversity information systems and applications.

Work areas include writing code for building and designing web APIs and web applications, support the design of systems, document and comment on code, provide support and troubleshooting expertise and operational management.

STATISTICIAN / ZOOLOGIST

South African National Biodiversity Institute

Pretoria

The South African National Biodiversity Institute (SANBI) manages and conserves biological diversity giving effect to ratified international agreements and providing for co-operative governance in biodiversity management and conservation.

The intern will support research project and programme reporting for oceans and coasts project and will be involved in occurrence data cleaning and curation.

Work areas will include data collation and cleaning, curation and bibliometric analysis for research reporting.

SUSTAINABILITY MANAGER

Wildlands Conservation Trust

Pietermaritzburg

Wildlands Conservation Trust (WCT) is a non-profit conservation organisation working at the critical interface between environmental conservation and socio-economic advancement. It aims to create resilience through promoting inclusivity and sustainable development, while conserving and managing biodiversity and ecosystems.

The intern will assist with project coordination, implementing environmental and social risk management (ESMS), sustainability planning, strategy and organisational development planning, as well as fundraising support.

Work areas include sustainability research and planning, support leadership journey events, support ESMS tools development and administrative support.

WATER QUALITY ANALYST

Emanti

Stellenbosch

Emanti is an expanding Water and Environmental Engineering consultancy assisting the public and private sector to proactively manage environmental, health and safety risks in water and wastewater with a focus on climate change.

The intern will form part of a project team implementing projects including water and wastewater quality management, water safety planning and wastewater risk abatement and climate change and resilience.

Work areas cover research support, field work and administrative support.

ZOOLOGIST / GENETICIST

South African National Biodiversity Institute

Pretoria

The South African National Biodiversity Institute (SANBI) manages and conserves biological diversity giving effect to ratified international agreements and providing for co-operative governance in biodiversity management and conservation.

An internship opportunity exists for an intern to provide technical support in various DNA barcoding projects and assist in laboratory operations.

Work areas will involve wildlife systematics, DNA barcoding, molecular laboratory techniques and database curation.



Lasting positive outcomes for people and nature in the places where we work and from priority environmental challenges we focus on.

FOR NATURE. FOR YOU.

wwf.org.za

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