



WWF

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WWF-SA ENVIRONMENTAL LEADERS GRADUATE INTERNSHIP PROGRAMME 2019

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Are you a graduate who wants to gain valuable experience, network with inspiring communities of practice and participate in meaningful work for the environment?

If you have completed your studies in the natural, legal, engineering, business or social sciences, we invite you to apply for an internship with WWF's 2019 Environmental Leaders Graduate Internship Programme.

The World Wide Fund for Nature (WWF) is a leading environmental organisation with a vision to inspire people to live in harmony with nature for the wellbeing of all.

WWF South Africa invests in the development of young future leaders for the environment through the placement of graduate interns in a one year programme, from April 2019 to March 2020. Interns are placed with WWF-SA's environmental programmes as well as partner organisations associated with our work.



FOR NATURE.
FOR YOU.

To apply, you would ideally have:

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

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

To submit an application:

1. Apply online through WWF-SA's [secure application portal](#) **or** download and complete the Word document [application form](#).
2. Review the placement opportunities below and then indicate and motivate for your three preferred placements in order of preference, as in the application form.
3. Upload or attach the following documentation to support your application:
 - Certified copy of your ID
 - Certified copy / copies of your academic transcripts
 - An abridged CV (no more than 2 pages)
4. Submit your completed application, with supporting documentation, either through the online portal or email Ms. Lameez Bayat at lbayat@wwf.org.za.

For any enquiries, please email Lameez or call her on 021 657 6633.

Deadline: 16:00 on Friday 9 November 2018

Late applications will not be accepted.

WWF-SA cannot guarantee placement in any specific work area 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 28 February 2019, please consider your application unsuccessful.

2019 WWF-SA GRADUATE INTERNSHIP PLACEMENT OPPORTUNITIES

Agricultural Consultant	Studies and advises farmers, agricultural business, rural industries and government on the production, processing and distribution of farm products.
Agricultural Technician	Performs tests and experiments, and provides technical support to assist agricultural scientists and technologists in areas such as research, production, servicing and marketing.
Biotechnologist	Studies the anatomy, physiology and characteristics of living organisms and isolated biological molecules, and develops new materials for applying to a range of purposes.
Botanist	Studies the anatomy, physiology, biochemistry and ecology of plants.
Conservation Scientific Officer	Performs tests and experiments, and provides technical support functions to assist environmental scientists and technologists in research and teaching.
Ecologist	Develops and implements programs and regulations for the protection of fish, wildlife and other natural resources.
Education and Extension Officers	Facilitate 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 Technician	Evaluates electrical installations, equipment and processes and collects data and makes recommendations on energy usage and efficiency.
Environmental Manager	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 Officer	Studies and develops policies and plans for the control of factors which may produce pollution, imbalance or degradation of the environment.
Environmental Science Technician	Performs tests and experiments, and provides technical support functions to assist environmental scientists and technologists in research and teaching.
Geneticist	Studies the anatomy, physiology and characteristics of living organisms and isolated biological molecules, and develops new materials for applying to a range of purposes.
Geologist	Studies the composition, structure and other physical attributes of the earth to increase scientific knowledge and to develop practical applications in fields such as mineral exploration, civil engineering, environmental protection and rehabilitation of land after mining.

GIS Technician

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.

Life Sciences Technician

Identifies and collects living organisms and conducts field and laboratory studies in support of life scientists and technologists.

Marine Biologist

Studies the anatomy, physiology, functions, characteristics, behaviour and environments of all forms of life living in the sea and connected water bodies.

Marine Safety Officer

Inspects all parts of a vessel for safety regulations and also looks for environmental hazards.

Skills Development Practitioner

Analyses skills requirements and plans, coordinates and evaluates skills development programmes, including career guidance, and reports accordingly.

Sustainability Manager

Plans, organises, directs, controls and coordinates sustainability or environment-related risk assessments, develops methodologies to assess the viability or success of sustainability initiatives and the monitoring and evaluation thereof.

Water Quality Analyst

Analyses and develops policies and plans for the control of factors which may produce water pollution.

AGRICULTURAL CONSULTANT

Living Lands, Agricultural Consultant

Cape Town

Living Lands is a non-profit organisation whose mission is to conserve and restore living landscapes. Living landscapes consist of a variety of healthy ecosystems, social systems and agriculture which are managed to function sustainably. This ensures natural and cultural resource availability for future generations, and adaption for climate change resilience.

The intern will assist with stakeholder engagement and partnership formation between farmers, government and private sector companies to facilitate the implementation of sustainable agricultural practices. Two interns appointed will be responsible for project research, assisting in project formulation, proposal writing, attending and organising workshops/ field trips, project administration and report writing.

Work areas

■ Stakeholder engagement ■ Project development support ■ Report writing ■ Administration

The Spar Group Limited, Agricultural Consultant (x 3)

Mopani - Ikhwezi - King Cetshwayo

The Spar Group Limited acts as a wholesaler and distributor of goods and services to SPAR supermarkets, Build it building materials outlets, TOPS at SPAR liquor stores and Pharmacy at SPAR pharmacy and healthcare outlets across southern Africa. The relationship between SPAR and its independent retailers is one of a voluntary trading partnership.

The intern will engage with local farmers and support them in developing and implementing sustainable, ethically and socially responsible farming practices according to Spar sustainability standards.

Work areas

■ Stakeholder engagement ■ Training support ■ Administration

AGRICULTURAL TECHNICIAN

Department of Agriculture, Forestry and Fisheries, Agricultural Technician

Pretoria

The Department of Agriculture, Forestry and Fisheries manages aquaculture advisory services, economics, information, development, infrastructure and facilities.

The intern will support the establishment and implementation of aquaculture related programmes to ensure responsible sector development and growth. He / she will also support the provision of advisory and technical support to sector stakeholders and clients through site suitability assessments, review of business plans, collection of production information and writing of technical reports for various advisory purposes.

Work areas

■ Project proposal support ■ Implement projects ■ Research ■ Administration

Department of Agriculture, Forestry and Fisheries, Agricultural Technician

Cape Town

The Department of Agriculture, Forestry and Fisheries manages aquaculture advisory services, economics, information, development, infrastructure and facilities.

The intern will be involved with research, conditioning and breeding of catfish, goldfish and carp. He / she will also be involved with rearing these species, operating a recirculating aquaculture system, water quality testing and managing pond grow-out.

Work areas

■ Project support ■ Farmer engagement ■ Research support ■ Training support ■ Reporting

Wildlands Conservation Trust, Agricultural Technician

Hilton

Wildlands is a programme of WILDTRUST, a non-profit organisation that works at the interface between environmental conservation and socio-economic advancement. It aims to support the maintenance of resilient ecosystems through the development and facilitation of innovative solutions, which promote social inclusiveness and sustainable development.

The intern will assist the project manager with research, data collection, analysis and report writing. He / she will spend time with local communities to generate ideas that support rural small business development in the agricultural sector. The intern will also support improved livestock rangeland management that reduces the impact on the environment and promotes environmental awareness.

Work areas

■ Research support ■ Community engagement and support ■ Promote environmental awareness

BIOTECHNOLOGIST

South African National Biodiversity Institute, Biotechnologist

Cape Town

The South African National Biodiversity Institute leads and co-ordinates research as well as monitoring and reporting on South Africa's biodiversity. Deriving its mandate from the National Environmental Management Biodiversity Act (NEMBA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

The intern will be involved with supervised field work, data capturing and statistical analysis for the maize and soybean projects. He / she will be involved in sourcing and compiling scientific information to support the preparation of various monthly and annual reports and offer support on activities for the 2021 GMO National Status (Assessment) Report.

Work areas

■ Research support ■ Reporting support ■ Support in training and development

BOTANIST

South African National Biodiversity Institute, Botanist

Cape Town

The South African National Biodiversity Institute leads and co-ordinates research as well as monitoring and reporting on South Africa's biodiversity. Deriving its mandate from the National Environmental Management Biodiversity Act (NEMBA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

The intern will be involved in multidisciplinary taxonomic research projects of national priority plant groups, compiling scientific information for the e-flora of South Africa and DNA matrices for the Karoo diversification project. He / she will assist with supervised identifications, curation and updating of the herbarium and associated databases, as well as writing articles.

Work areas

- Taxonomic research
- Herbarium curation
- Plant identification
- Information compilation

CONSERVATION SCIENTIFIC OFFICER

South African National Biodiversity Institute, Conservation Scientific Officer (x2) Cape Town - Durban

The South African National Biodiversity Institute leads and co-ordinates research as well as monitoring and reporting on South Africa's biodiversity. Deriving its mandate from the National Environmental Management Biodiversity Act (NEMBA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

The Custodians of Rare and Endangered Wildflowers (CREW) Programme involves citizen scientists in monitoring and conserving threatened plants. CREW contributes to updating the "red list" of South African plants, supporting conservation agencies with conservation planning and identifying priority sites for threatened plant conservation as well as contributing data for land-use decision making. The intern will be involved in all areas of work in the programme.

Work areas

- Field trip co-ordination
- Plant sampling and surveys
- Plant identification guide development
- Data analysis

South African National Biodiversity Institute, Conservation Scientific Officer

Cape Town

The South African National Biodiversity Institute leads and co-ordinates research as well as monitoring and reporting on South Africa's biodiversity. Deriving its mandate from the National Environmental Management Biodiversity Act (NEMBA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

The intern will be involved in collating evidence from literature reviews in support of the listing of threatened freshwater ecosystem types. He/ she will assist in the curation and update of the national wetland inventory map and database and contribute to wetland field surveys, workshops and meetings convened by the Freshwater Biodiversity Unit.

Work areas

- Logistical planning
- Mapping verification
- Literature review
- Data analysis

South African National Biodiversity Institute, Conservation Scientific Officer

Cape Town

The South African National Biodiversity Institute leads and co-ordinates research as well as monitoring and reporting on South Africa's biodiversity. Deriving its mandate from the National Environmental Management Biodiversity Act (NEMBA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

The intern will be involved in processing field data collected including data analysis and assisting in preparing manuscripts for publication. The intern will also be doing GIS analysis and producing maps and join CREW teams in species monitoring field work.

Work areas

■ Research support ■ Data analysis ■ Scientific writing ■ Field work

SANCCOB, Conservation Scientific Officer

Cape Town

Southern African Foundation for the Conservation of Coastal Birds is an internationally recognised leader in research, response and rehabilitation of sea birds threatened by environmental incidences such as oil spills and wildfires, chick-rearing, education, training and public awareness.

The intern will assist the City of Cape Town, SANCCOB and South African National Parks (SANParks) in implementing the monitoring plan for the Simon's Town penguin colony. He / she will assist with research and monitoring the African penguin colony and the day-to-day management of the site.

Work areas

■ Research support ■ Data capture and analysis ■ Report writing

SANCCOB, Conservation Scientific Officer

Port Elizabeth

Southern African Foundation for the Conservation of Coastal Birds is an internationally recognised leader in research, response and rehabilitation of sea birds threatened by environmental incidences such as oil spills and wildfires, chick-rearing, education, training and public awareness.

The intern will assist the Centre Manager in running a rehabilitation centre, which includes strategic planning, research, conducting rehabilitation work with the birds, education, public awareness and fundraising.

Work areas

■ Research ■ Rehabilitation ■ Education ■ Centre management

WWF-SA Khetha Programme, Conservation Scientific Technician

White River

WWF's mission is to build a future in which humans live in harmony with nature, by conserving the world's biological diversity, ensuring the sustainable use of natural resources, reducing pollution and wasteful consumption and increasing the resilience of vulnerable communities.

Khetha is a five-year USAID funded programme, aimed at increasing the growth rates of black and white rhinos and maintaining positive growth rates for elephants in the Great Limpopo Transfrontier Conservation Area (GLTFCA).

The intern will work with the Monitoring, Evaluation and Learning unit. He / she will collect, analyse and interpret qualitative and quantitative data as well as assist with data storage and quality management. The intern will also conduct field research, including semi-structured interviews, interview transcription and data analysis.

Work areas

■ Research and data management ■ Monitoring and evaluation ■ Administration

WWF-SA Khetha Programme, Conservation Scientific Technician

White River

WWF's mission is to build a future in which humans live in harmony with nature, by conserving the world's biological diversity, ensuring the sustainable use of natural resources, reducing pollution and wasteful consumption and increasing the resilience of vulnerable communities.

Khetha is a five-year USAID funded programme, aimed at increasing the growth rates of black and white rhinos and maintaining positive growth rates for elephants in the Great Limpopo Transfrontier Conservation Area (GLTFCA).

The intern will work with the Communications Unit to support the development, implementation and review of the social media strategy. He / she will be responsible for developing social media content, engage across multiple social media platforms and support social media research, monitoring and review.

Work areas

■ Research support ■ Content development ■ Data analysis ■ Support social media management

WWF-SA Land Programme, Conservation Scientific Technician

Cape Town

WWF's mission is to build a future in which humans live in harmony with nature, by conserving biodiversity, ensuring the sustainable use of natural resources, reducing pollution and wasteful consumption and increasing the resilience of vulnerable communities.

The Land Programme works in the Fynbos, Succulent Karoo and Grasslands biomes. On-going growth and diversification has led to the aim of enhancing social-economic impact of biodiversity conservation.

The intern will assist the Project Manager with research, policy reviews and analysis and support project development and implementation.

Work areas

■ Research support ■ Policy review ■ Stakeholder engagement

WWF-SA, Table Mountain Fund, Conservation Scientific Officer

Cape Town

WWF's mission is to build a future in which humans live in harmony with nature, by conserving biodiversity, ensuring the sustainable use of natural resources, reducing pollution and wasteful consumption and increasing the resilience of vulnerable communities.

Table Mountain Fund (TMF) is a capital conservation trust fund, managed by WWF-SA, that supports fynbos conservation in the Cape Floral Kingdom. It has been in existence for two decades. To date, it has supported over 300 diverse and varied people-centred conservation projects.

The intern will support the evaluation of the TMF, to quantify and qualify the outcomes achieved and to market these findings in such a way that it increases awareness and attracts further funding.

Work areas

■ Monitoring and evaluation ■ Project management ■ Administrative support ■ Fundraising
■ Social media and public relations

ECOLOGIST

Eastern Cape Parks and Tourism Agency, Ecologist

East London

The Eastern Cape Parks and Tourism Agency aims to conserve biodiversity and promote and support tourism management that underpins sustainable development. The organisational goal is to leverage resources for tourism and conservation with respect, integrity and responsibility.

The intern will support and assist existing research and monitoring projects, conduct biodiversity surveys, and capture and manage incoming data. In the process he / she will be required to conduct fieldwork and provide scientific, technical and administrative support and assistance to the Ecologist.

Work areas

- Research support
 - Ecological assessments and surveys
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Natures Valley Trust, Ecologist

Natures Valley

Natures Valley Trust undertakes long-term ecological research in order to conserve local biodiversity. They do this through relevant education and awareness programmes with nearby communities to support participation in local decision making processes for conservation.

The intern will work on several long-term ecological research programmes that include fynbos, coastal and estuary research. The intern will be responsible for the management of at least two of these field based projects and assist in the conservation education programmes, engaging the public in community and schools based programmes.

Work areas

- Research support
 - Data management
 - Environmental education
 - Administration
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South African National Biodiversity Institute, Ecologist

Cape Town

The South African National Biodiversity Institute leads and co-ordinates research as well as monitoring and reporting on South Africa's biodiversity. Deriving its mandate from the National Environmental Management Biodiversity Act (NEMBA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

The intern will be involved in various aspects of ecological research including experimental work in the pollination of wild plants, assessing distances of pollen transfer, as well as assessing seed set and flower visitation by birds. He / she will do fieldwork to help collect abiotic data for streams and rivers, identification of invertebrates and plant species, recording data, training and writing popular articles or blogs.

Work areas

- Fieldwork
 - Laboratory work
 - Data analysis
 - Media posts
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South African National Biodiversity Institute, Ecologist

Cape Town

The South African National Biodiversity Institute leads and co-ordinates research as well as monitoring and reporting on South Africa's biodiversity. Deriving its mandate from the National Environmental Management Biodiversity Act (NEMBA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

The intern will be involved in all aspects of research, management and curation of certain projects. This will include liaising with partners, curating databases, creating and integrating maps, and conducting field research, as well as analysis of plant community and environmental data.

Work areas

- Vegetation map development
- Fieldwork
- Data collection and management

Wildlands Conservation Trust, Ecologist

Hilton

Wildlands is a programme of WILDTRUST, a non-profit organisation that works at the interface between environmental conservation and socio-economic advancement. It aims to support the maintenance of resilient ecosystems through the development and facilitation of innovative solutions, which promote social inclusiveness and sustainable development.

The intern will focus on restoration and conservation ecology, including assisting project managers with research, report writing, and field work related to specific projects within the trust.

Work areas

- Research support
- Project planning
- Report writing

EDUCATION AND EXTENSION OFFICER

Knysna Basin Project, Education and Extension Officer

Knysna

The Knysna Basin Project is an environmentally-focused NGO working primarily on estuarine, coastal and catchment research. Environmental monitoring is an important component of the research and regular water quality monitoring is undertaken within the Knysna estuary. The organisation also conducts community outreach via school visits, clean-ups and teacher training.

The intern will assist with our Educator Empowerment teacher training programme and assist with school outreach and lesson planning.

Work areas

- Education
 - Outreach
 - Social-ecological research
-

ENERGY EFFICIENCY TECHNICIAN

Stellenbosch University – CRSES, Energy Efficiency Technician

Stellenbosch

The Centre for Renewable and Sustainable Energy Studies (CRSES) at Stellenbosch University undertakes research in the field of renewable energy.

The intern will support research at the centre focused on renewable energy technology. He / she will develop models for various renewable energy electricity generation projects and investigate the feasibility of renewable energy and sustainability projects.

Work areas

- Computer modelling
- Research support

MTO Forestry, Energy Efficiency Technician

George

MTO Forestry undertakes a number of energy research projects utilising forestry biomass and then converting this into energy.

The intern will assist these projects with technical and management support and also assist the company with various forestry value adding projects.

Work areas

- Modelling of energy generation plants
- Evaluation and reporting
- Administration support

Sustainable Energy Africa, Energy Efficiency Technician

Cape Town

For the past eighteen years Sustainable Energy Africa has worked closely with cities in South Africa, supporting their transition to a just, low-carbon energy pathway. They do this by undertaking extensive research, building capacity and implementing sustainable energy projects. Socio - economic development is central to its work through sustainable energy for development and climate mitigation and resilience.

The intern will support work in all the energy efficiency projects to support the development of skills relating to integrated and sustainable energy planning and implementation within cities in South Africa and Africa.

Work areas

- Research support
- Administration support

ENVIRONMENTAL MANAGER

Eastern Cape Parks and Tourism Agency, Environmental Manager

East London

The Eastern Cape Parks and Tourism Agency aims to conserve biodiversity and promote and support tourism management that underpins sustainable development. The organisational goal is to leverage resources for tourism and conservation with respect, integrity and responsibility.

The intern will assist with assessing development applications and compliance with environmental legislation, support the facilitation of the environmental impact assessment commenting process and assist in protected area management planning process. He / she will assist the Systematic Conservation Planner and the Environmental Planner with mapping and spatial analysis, as well as spatial data management for the unit.

Work areas

- Environmental management and planning
- Stakeholder engagement

ENVIRONMENTAL OFFICER

Sea Harvest Group Ltd, Environmental Officer

Cape Town

Sea Harvest is a South African deep-sea trawling company established in 1964 on the Atlantic West Coast of South Africa. From its head office in Cape Town, the company markets and distributes its wide range of products to diverse markets around the world.

The intern will be a part of the strategic services department and support sustainability and environmental management of the Sea Harvest Group. The intern will assist with managing the current organisational environmental control system at operational sites in Cape Town and assist in setting up and monitoring the related systems.

Work areas

- Research
- Information compilation
- Data collection and distribution

The Green House, Environmental Officer

Cape Town

The Green House is a consulting firm working on a wide range of energy, climate change and sustainability-related projects including strategic energy planning, carbon foot printing, and life cycle assessment. The strength of our consulting team lies in our engineering background and strong quantitative skills.

The intern will be involved with research-based projects for national and provincial government, NGOs and corporates. Projects involve modelling and quantitative analysis and could include sustainability strategies, climate risks and opportunities, life cycle assessments and policy analyses.

Work areas

- Data collection, processing and analysing
- Literature reviews and reporting
- Administration

ENVIRONMENTAL SCIENCE TECHNICIAN

African Climate and Development Initiative, Environmental Science Technician

Cape Town

The African Climate & Development Initiative (ACDI) is the University of Cape Town's collective response to the challenge of climate change in the context of sustainable development in Africa. ACDI brings academics and non-academics together to co-produce research in response to Africa's climate and development challenges.

The intern would assist with research and administration activities linked to the co-ordination, fundraising and relationship building with key research stakeholders.

Work areas

- Monitoring, evaluation and learning
- Research support
- Communication
- Administration

TRAFFIC, Environmental Science Technician

Pretoria

TRAFFIC is a wildlife trade monitoring network, working globally on trade in wild animals and plants. Their work follows a variety of approaches, including working with national and international conventions, governments, enforcement agencies, private sector companies and consumers.

The intern will provide support to TRAFFIC's work on the legal and illegal timber trade in southern Africa. The work will include literature reviews, data compilation and analysis, providing support for meetings and policy development as well as working closely with the Department of Agriculture, Forestry and Fisheries and the Department of Environmental Affairs.

Work areas

■ Research support ■ Data analysis ■ Technical writing ■ Logistical support

WWF-SA Policy and Futures Unit, Environmental Science Technician

Cape Town

WWF's mission is to build a future in which humans live in harmony with nature, by conserving biodiversity, ensuring the sustainable use of natural resources, reducing pollution and wasteful consumption and increasing the resilience of vulnerable communities.

The Policy and Futures Unit focuses on researching solutions for the future of food, water, power and transport, in the context of climate change, urbanisation and regional dynamics. The overall aim of its work is to promote and support a just transition to a resilient future, equally, for all South Africa's people and the environment.

The intern will provide support to the Communications, Outreach and Research Specialist in executing its communications strategy to expand the reach of research, support stakeholder engagement and advocacy, build networks, and undertake monitoring and evaluation of communications activities.

Work areas

■ Stakeholder research ■ Technical writing ■ Monitoring and evaluation ■ Project campaign support

GENETICIST

South African Institute for Aquatic Biodiversity, Geneticist

Grahamstown

The South African Institute for Aquatic Biodiversity (SAIAB) at Rhodes University is an internationally-recognised centre for the study of aquatic biodiversity. It focuses on the full spectrum of aquatic environments from marine offshore to continental freshwater catchments.

The intern will assist all areas of research, including the operation of key equipment, facilitation of workshops, laboratory work and administration.

Work areas

■ Research support ■ Administration

South African Institute for Aquatic Biodiversity, Geneticist

Grahamstown

The South African Institute for Aquatic Biodiversity (SAIAB) at Rhodes University is an internationally-recognised centre for the study of aquatic biodiversity. It focuses on the full spectrum of aquatic environments from marine offshore to continental freshwater catchments.

The intern will be involved with the curation of specimens including sorting, identifying and preparing specimens, labels and data sheets. He / she will be lodging specimens, checking specimens against records and catalogue voucher specimens with tissue samples and associated images.

Work areas

■ Field work ■ Research ■ Data management ■ Curation

GEOLOGIST

South African Institute for Aquatic Biodiversity, Geologist

Durban

The South African Institute for Aquatic Biodiversity (SAIAB) at Rhodes University is an internationally-recognised centre for the study of aquatic biodiversity. It focuses on the full spectrum of aquatic environments from marine offshore to continental freshwater catchments.

The intern will be involved in various facets of marine geology, including equipment set-up and testing, data collection, data processing, writing of technical reports, and integration with other sciences.

Work areas

■ Research support ■ Technical assistance ■ Stakeholder engagement ■ Administration

GIS TECHNICIAN

Eastern Cape Parks and Tourism Agency, GIS Technician

East London

The Eastern Cape Parks and Tourism Agency aims to conserve biodiversity and promote and support tourism management that underpins sustainable development. The organisational goal is to leverage resources for tourism and conservation with respect, integrity and responsibility.

The intern will support the Biodiversity Stewardship Programme with ecological assessments for potential stewardship sites. He / she will also develop maps, update spatial databases, assist with annual audits, support the development of management plans and manage ecological information.

Work areas

■ Ecological assessments ■ Data management ■ Conservation planning ■ Administration

Eastern Cape Parks and Tourism Agency, GIS Technician

East London

The Eastern Cape Parks and Tourism Agency aims to conserve biodiversity and promote and support tourism management that underpins sustainable development. The organisational goal is to leverage resources for tourism and conservation with respect, integrity and responsibility.

The intern will be involved with creating, clearing, capturing and managing biodiversity information. He / she will work extensively with GIS and assist with the development of maps, the analysis of spatial data and the dissemination of information and interact closely with other scientists and reserve personnel.

Work areas

■ GIS mapping ■ Data management ■ Stakeholder engagement

I & J, GIS Technician

Cape Town

I & J has been a trusted company in seafood for over 100 years, and are proud to carry the Marine Stewardship Council (MSC) certification. It operates a fleet of modern-stern trawlers, a land-based primary processing facility and a sophisticated value-added processing facility.

The intern will assist I & J by modifying and maintaining its GIS system in ArcGIS. The intern will also be required to perform some custom application development as required and provide user support for the Business Intelligence Unit.

Work areas

■ GIS database management ■ Data collection ■ Information verification ■ Reporting

WWF-SA Freshwater Programme, GIS Technician

Johannesburg

WWF's mission is to build a future in which humans live in harmony with nature, by conserving biodiversity, ensuring the sustainable use of natural resources, reducing pollution and wasteful consumption and increasing the resilience of vulnerable communities.

The Freshwater Programme adopts a holistic approach towards securing 80% of the country's strategic water source areas with good governance by 2025.

The intern would support the programme with GIS mapping, including data collection and verification and tasks will include engagement with multiple stakeholders.

Work areas

■ Research support ■ GIS and software development ■ Stakeholder engagement

Wildlands Conservation Trust, GIS Technician

Hilton

Wildlands is a programme of WILDTRUST, a non-profit organisation that works at the interface between environmental conservation and socio-economic advancement. It aims to support the maintenance of resilient ecosystems through the development and facilitation of innovative solutions, which promote social inclusiveness and sustainable development.

The intern will be involved with data collection, collation and coordination and digitising new data across projects. He / she will analyse spatial data to generate information and be involved with field work.

Work areas

■ Fieldwork ■ Research support ■ GIS support ■ Reporting

LIFE SCIENCE TECHNICIAN

South African Institute for Aquatic Biodiversity, Life Science Technician

Grahamstown

The South African Institute for Aquatic Biodiversity (SAIAB) at Rhodes University is an internationally-recognised centre for the study of aquatic biodiversity. It focuses on the full spectrum of aquatic environments from marine offshore to continental freshwater catchments.

The intern will assist in various areas of research including preparing and deploying instruments at research sites, data retrieval and processing and will gain extensive experience on several vessels. The intern will also assist with implanting transmitters into various fish and marine mammal species.

Work areas

■ Research and technical support ■ Data processing

MARINE BIOLOGIST

Oceana Group, Marine Biologist

Cape Town

The Oceana Group is a public company with a leading role in the South African deep-sea trawling industry, involved with catches, processing and marketing of hake and a variety of other fish species.

The intern will support modelling and monitoring short and long term spatial and seasonality patterns in the hake fishery and assessing factors affecting the quality of landed fish. He / she will be assigned to teams working on process efficiencies and product development.

Work areas

- Research support
- Data collection and management

South African Institute for Aquatic Biodiversity, Marine Biologist

Grahamstown

The South African Institute for Aquatic Biodiversity (SAIAB) at Rhodes University is an internationally-recognised centre for the study of aquatic biodiversity. It focuses on the full spectrum of aquatic environments from marine offshore to continental freshwater catchments.

The intern will join the marine remote imagery platform at SAIAB and will assist with the planning and execution of field work for users of the platform, video analysis and data management. The intern will gain valuable exposure to reef ecology and conservation research.

Work areas

- Field work
- Research
- Data management

TRAFFIC, Marine Biologist

Cape Town

TRAFFIC is a wildlife trade monitoring network, working globally on trade in wild animals and plants. Their work follows a variety of approaches, including working with national and international conventions, governments, enforcement agencies, private sector companies and consumers.

The intern will provide support to TRAFFIC's work on wildlife trade, with a strong focus on the trade in marine resources. This will include conducting literature searches, trade data sourcing, entry and analysis, and report writing, as well as support in convening meetings and workshops.

Work areas

- Research support
- Data analysis
- Technical writing
- Logistical support

Two Oceans Aquarium, Marine Biologist

Cape Town

The Two Oceans Aquarium, situated in Cape Town's popular V&A Waterfront, inspires people to care for our oceans. The Aquarium is a key player in raising environmental awareness through its high-quality exhibits, conservation and education programmes, marine research and sustainability initiatives.

The intern will be involved in aquarium science including husbandry, collections management and animal health. He / she will assist with marine research, turtle rehabilitation and marine life management in the Waterfront.

Work areas

- Aquariology
- Marine research
- Conservation management

MARINE SAFETY OFFICER

I & J, Marine Safety Officer

Cape Town

I & J has been a trusted company in seafood for over 100 years, and are proud to carry the Marine Stewardship Council (MSC) certification. It operates a fleet of modern-stern trawlers, a land-based primary processing facility and a sophisticated value-added processing facility.

The intern will be involved with the inspection of vessels for safety regulations and also investigate environmental hazards. He / she will assist with vessel landings and catches and monitor the registration of vessels at the harbour.

Work areas

■ Maritime operations ■ Data management ■ Monitoring and evaluation ■ Inspections and safety audits

Sea Harvest Group Ltd., Marine Safety Officer

Mossel Bay

Sea Harvest is a South African deep-sea trawling company established in 1964 on the Atlantic West Coast of South Africa. From its head office in Cape Town, the company markets and distributes its wide range of products to diverse markets around the world.

The intern will be involved with the operation of the groups vessels, assisting with the management of the fleet safety management programme.

Work areas

■ Maritime operations ■ Vessel inspections and safety audits ■ Monitoring and evaluation

SKILLS DEVELOPMENT PRACTITIONER

WWF-SA Environmental Leaders Programme, Skills Development Practitioner

Cape Town

WWF's mission is to build a future in which humans live in harmony with nature, by conserving biodiversity, ensuring the sustainable use of natural resources, reducing pollution and wasteful consumption and increasing the resilience of vulnerable communities.

The Environmental Leaders Programme is a cross cutting focus aimed at developing skills for improved environmental governance. Some of its work includes internship placements, career guidance initiatives and informing skills planning and development.

The intern will support the programme with research, particularly related to the internship programme, career guidance initiatives and skills planning initiatives. The work will involve engaging with stakeholders in the sector and in national skills planning and development systems and support planning, implementing and evaluating various skills development initiatives.

Work areas

■ Research ■ Stakeholder engagement ■ Logistical support ■ Administration

SUSTAINABILITY MANAGER

African Climate and Development Initiative, Sustainability Manager

Cape Town

The African Climate & Development Initiative (ACDI) is the University of Cape Town's collective response to the challenge of climate change in the context of sustainable development in Africa. ACDI brings academics and non-academics together to co-produce research in response to Africa's climate and development challenges. ACDI supports UCT's sustainability management and global change research, teaching and social engagement.

The intern will support the development of sustainability principles for the institution and undertake research to guide its sustainability objectives.

Work areas

- Research support
 - Monitoring, evaluation and learning support
 - Data management
-

Sea Harvest Group Ltd, Sustainability Manager

Mossel Bay

Sea Harvest is a South African deep-sea trawling company established in 1964 on the Atlantic West Coast of South Africa. From its head office in Cape Town, the company markets and distributes its wide range of products to diverse markets around the world.

The intern will assist in the monitoring, evaluation and improvement of the environmental management system, including assisting the organisation to adhere to legal requirements relating to water discharge.

Work areas

- Research support
 - Monitoring and evaluation
 - Proposal and report writing
-

The Spar Group, Sustainability Manager

Pinetown

The Spar Group Limited acts as a wholesaler and distributor of goods and services to SPAR supermarkets, Build it building materials outlets, TOPS at SPAR liquor stores and Pharmacy at SPAR pharmacy and healthcare outlets across southern Africa. The relationship between SPAR and its independent retailers is one of a voluntary trading partnership.

The sustainability intern will be closely involved in research and the development of supply chains for the organisations' house brands, including its packaging, as well as developing sustainability criteria for all suppliers.

Work areas

- Research support
 - Stakeholder engagement
-

WATER QUALITY ANALYST

Emanti Management, Water Quality Analyst

Stellenbosch

Emanti Management (Pty) Ltd is the preferred partner in the application of water engineering and environmental management technologies for the improved utilisation, protection and management of water resources, water services and the natural environment.

The intern will be involved in the implementation of the various water resource management projects. The focus areas will include benchmarking water and sanitation services, water and wastewater quality management, water safety planning and risk abatement planning and faecal sludge management.

Work areas

■ Research support ■ Field work ■ Report writing ■ Administration

Grootbos Foundation, Water Quality Analyst

Gansbaai

The Grootbos Foundation aims to ensure the conservation of the Cape Floral ecosystem, and develop sustainable, thriving communities in the surrounding areas. The foundation works in the provision of community programmes, skills training and sustainable agricultural projects.

The intern will support the set-up of best standard operating procedures of the properties' water monitoring, consumption and allocation usage of dams, streams and underground water sources towards improved water-saving methods.

Work areas

■ Research and monitoring ■ Data collection and management ■ Reporting

Knysna Basin Project, Water Quality Analyst

Knysna

The Knysna Basin Project is an environmentally-focused NGO working primarily on estuarine, coastal and catchment research. Environmental monitoring is an important component of the research and regular water quality monitoring is undertaken within the Knysna estuary. The organisation also conducts community outreach via school visits, clean-ups and teacher training.

The intern will support the management of the water quality monitoring programme. This will include the collection and analyses of samples, calibration of water quality and interpretation of data.

Work areas

■ Water quality testing ■ Data management ■ Reporting
