



WWF-SA 2017 GRADUATE INTERNSHIP PROGRAMME

Are you a graduate who wants to gain valuable experience, network in 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 2017 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 future leaders for the environment through the placement of graduate interns in a year-long programme, from 1 April 2017 to 31 March 2018. Interns are placed with WWF-SA's environmental programmes as well as partner organisations associated with our work.



To apply, you would ideally have:

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

1. Apply online through WWF-SA's [secure application portal](#) **or** download and complete the Word doc [application form](#).
2. Review the placement opportunities below and then indicate and motivate for your three preferred placements in order of preference, as provided for in the application form.
3. Include 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](#) it to Ms. Lameez Bayat at WWF-SA. For any enquiries, please call Lameez on 021 657 6633.

Deadline: 16:00 on Monday 31 October 2016

No late applications will 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 WWF-SA by 15 February 2017, please consider your application unsuccessful.



THE 2017 GRADUATE INTERNSHIP PROGRAMME IS FUNDED BY THE DEPARTMENT OF HIGHER EDUCATION AND TRAINING'S NATIONAL SKILLS FUND



higher education & training
Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA



2017 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.
Botanist	Studies the anatomy, physiology, biochemistry and ecology of plants.
Conservation Scientist / Ecologist	Develops and implements programmes and regulations for the protection of fish, wildlife and other natural resources.
Education and Extension Officer	Facilitates community development initiatives and collective solutions within a community to address issues, needs and problems associated with recreational, health, housing, employment environment 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 Economist	Performs economic research and analysis, develops and applies theories about production and distribution of goods and services, as well as people's spending and financial behaviour and provides advice to governments and organisations on subjects relating to economic policies.
Environmental Manager	Plans, organises, directs, controls and co-ordinates 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 as well as ensuring corporate sustainable development.
Environmental Scientist	Studies and develops policies and plans for the control of factors which may produce pollution, imbalance or degradation of the environment.
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.
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.
Landscape Architect	Plans and designs land areas for projects such as open space networks, parks, schools, institutions, roads, external areas for all building types, land subdivisions, and commercial, industrial and residential sites.
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.
Statistician	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 Manager	Plans, organises, directs, controls and co-ordinates sustainability or environment-related risk assessments, develops methodologies to assess the viability or success of sustainability initiatives and the monitoring and evaluation thereof.
Urban and Regional Planner	Develops and implements plans and policies for the controlled use of urban and rural land, and advises on economic, environmental and social needs of land areas.
Water Quality Technician	Analyses and develops policies and plans for the control of factors which may produce water pollution.
Zoologist	Studies the anatomy, physiology, characteristics, ecology, behaviour and environments of animals.

AGRICULTURAL CONSULTANT

Grootbos Foundation, Agricultural Consultant

Gansbaai

The Grootbos Foundation is a non-profit organisation with a vision of conserving the environment through supporting the development of sustainable livelihoods and active citizenship. Their mission is to conserve the unique Cape Floral Kingdom and to support the development of sustainable livelihoods through ecotourism, enterprise development, sports development and education.

From urban and organic agriculture to permaculture and plant propagation, the intern will be supporting consultations on a wide range of topics including planting and watering regimes, composting, companion planting, soil improvement, vertical and container gardening and poultry management, as well as facilitating lessons for communities and keeping records of planting schedules and harvesting.

Work areas

■ Training support ■ Research support ■ Community engagement ■ Administrative support

BOTANIST

Grootbos Foundation, Botanist

Gansbaai

The Grootbos Foundation is a non-profit organisation with a vision of conserving the environment through supporting the development of sustainable livelihoods and active citizenship. Their mission is to conserve the unique Cape Floral Kingdom and to support the development of sustainable livelihoods through ecotourism, enterprise development, sports development and education.

With knowledge and passion for fynbos, the intern will carry out identifying, collecting and mounting of specimens. He / she will undertake research and fieldwork as part of a team working on developing a conservation corridor between Walker Bay and Cape Agulhas.

Work areas

■ Research support ■ Sample collection ■ Administrative support

SANBI, 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 (NEM:BA), 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 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

Wildlands Conservation Trust, Botanist

Hilton

Working at the critical interface between conservation and socio-economic wellbeing, Wildlands Conservation Trust is a non-profit conservation organisation that aims to create resilience through innovative green economy solutions. They promote social inclusivity and sustainable development, while conserving and managing biodiversity and ecosystems which underpin the welfare of communities.

The intern will assist in the collection and co-ordination of research data from various project sites in order to establish the success of restoration efforts. He / she will also help with the research and development of a monitoring and evaluation system, with a particular focus on forest rehabilitation.

Work areas

- Research support
- Data collection
- Project management
- Monitoring and evaluation

CONSERVATION SCIENTIST / ECOLOGIST

Eastern Cape Parks and Tourism Agency, Conservation Scientist

East London

The Eastern Cape Parks and Tourism Agency works towards a vision of biodiversity conservation and 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 working in protected area expansion and conservation planning, which will include the collection, analysis and management of spatial data.

Work areas

- Conservation planning
- Stakeholder engagement
- Administrative support

Eastern Cape Parks and Tourism Agency, Conservation Scientist

East London

The Eastern Cape Parks and Tourism Agency works towards a vision of biodiversity conservation and tourism management that underpins sustainable development. The organisational goal is to leverage resources for tourism and conservation with respect, integrity and responsibility.

Working with the Sustainable Biodiversity Conservation team, the role will include ecological research for the development of science-based management protocols for protected areas. The intern will also support the development of ecological monitoring protocols in the nature reserves and manage and interpret ecological information from different nature reserves.

Work areas

- Ecological monitoring
- Research support
- Stakeholder engagement
- Administrative support

Living Lands, Conservation Scientist

Cape Town

Living Lands is a non-profit organisation with a mission to conserve and restore landscapes. These living landscapes consist of a variety of healthy ecosystems, social systems and agriculture which are managed sustainably to ensure that natural and cultural resources provide for both current and future generations and adapt to climate change.

Working at the Eerste and Breede Rivers' project sites, the intern will work closely with a senior manager in assisting stakeholder engagement between farmers, government and other companies. The role of the intern will include supporting research, organising learning events and workshops.

Work areas

- Stakeholder engagement
 - Field trip co-ordination
 - Proposal writing
 - Digital communication support
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Nature's Valley Trust, Conservation Scientist

Nature's Valley

The Nature's Valley Trust is a small community-driven non-profit organisation that focuses on integrated conservation across four areas – conservation, education, community and research.

As part of the Coastal Impact Programme, the intern will work alongside the research staff to collect data on the shorebird, fisherman, estuary and marine debris programmes in the greater Plettenberg Bay region.

Work areas

■ Data collection ■ Data management ■ Data analysis ■ Social media management

SANBI, Conservation Scientist

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 (NEM:BA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

In this role the intern will be exposed to various aspects of threatened plant conservation – from national plant conservation to prioritising species of conservation concern. He / she will survey plant populations and gather data required for red-listing, as well as collecting plant specimens.

Work areas

■ Data capturing ■ Material development ■ Activity co-ordination ■ Education activity support

SANBI, Conservation Scientist

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 (NEM:BA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

This role will provide support to SANBI's wildlife projects. The appointed intern will be responsible for desktop research including reference searches, data collation and sorting for cycad and global plan conservation. They will also assist with field projects.

Work areas

■ Research support ■ Conservation planning support ■ Fieldwork support ■ Logistical support

SANBI, Conservation Scientist

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 (NEM:BA), 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) involves citizen scientists in monitoring and conserving threatened plants. CREW contributes to updating the "red list" of South African plants, supporting conservation agencies with 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 ■ Plant guide development ■ Data analysis

WWF South Africa, Conservation Scientist

Cape Town

WWF is one of the world's largest and most respected conservation organisations, with a global network active in more than 100 countries. The organisation seeks to stop the degradation of the Earth's natural environment and to build a future in which humans live in harmony with nature.

The intern will work with WWF's Southern African Sustainable Seafood Initiative (WWF-SASSI) public engagement team in the Marine Programme. The primary goal is to communicate with local seafood consumers about scientific and conservation outcomes related to marine species and conservation.

Work areas

■ Data collation and analysis ■ Science communication ■ Training support ■ Stakeholder engagement

Eastern Cape Parks and Tourism Agency, Ecologist

East London

The Eastern Cape Parks and Tourism Agency works towards a vision of biodiversity conservation and tourism management that underpins sustainable development. The organisational goal is to leverage resources for tourism and conservation with respect, integrity and responsibility.

Supporting the Biodiversity Stewardship Programme, the intern will assist with ecological assessments for potential stewardship sites and annual audits for existing stewardship sites. He / she will facilitate the development of management plans, receive and manage ecological information and organise logistical arrangements for the programme.

Work areas

■ Ecological assessment support ■ Data management ■ Administrative support

SANBI, 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 (NEM:BA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

Ecosystem services such as the pollination of crops and wild flowers as well as soil nutrient cycling are the natural processes through which health and wellbeing is promoted. SANBI's ecology team investigates the links between biodiversity and ecosystem services, and how a diversity of species ensures the delivery of these natural services. The intern will be involved with the research that informs the assessment of these biodiversity and ecosystem links.

Work areas

■ Research support ■ Fieldwork co-ordination and support ■ Logistical support

SANBI, 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 (NEM:BA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

Documenting species, where they come from and mapping out and prioritising locations are the first steps to determining sites of special scientific significance. The intern will work with different groups as part of a larger effort to determine the origins and locations of species.

Work areas

■ Taxonomic research ■ Data management and analysis ■ Georeferencing

Wildlands Conservation Trust, Ecologist

Hilton

Working at the critical interface between conservation and socio-economic wellbeing, Wildlands Conservation Trust is a non-profit conservation organisation that aims to create resilience through innovative green economy solutions. They promote social inclusivity and sustainable development, while conserving and managing biodiversity and ecosystems which underpin the welfare of communities.

Across several sites, the intern will assist with the co-ordination and implementation of various restoration programmes, including the associated reporting and GIS mapping of restoration work and associated projects. He / she will provide support in the development of implementation plans and an effective monitoring and evaluation system for ecological restoration.

Work areas

■ Project administration ■ Research support ■ GIS mapping ■ Monitoring and evaluation

Wildlands Conservation Trust, Ecologist

Hilton

Working at the critical interface between conservation and socio-economic wellbeing, Wildlands Conservation Trust is a non-profit conservation organisation that aims to create resilience through innovative green economy solutions. They promote social inclusivity and sustainable development, while conserving and managing biodiversity and ecosystems which underpin the welfare of communities.

This role includes project co-ordination and implementation support to various restoration programmes across several sites, including the reporting and GIS mapping of relevant restoration work and other associated projects. The intern will provide support in the development of implementation plans and an effective monitoring and evaluation system for ecological restoration.

Work areas

■ Research support ■ Project management ■ Stakeholder engagement ■ Monitoring and evaluation

EDUCATION AND EXTENSION OFFICER

City of Cape Town, Education and Extension Officer

Cape Town

The City of Cape Town's mission is to continuously improve processes, systems and capacity of staff to support the vision of a sustainable and well-governed municipality. In doing this, the City hopes to introduce best practices that will exceed statutory requirements and guidelines, as well as the expectations of communities.

From planning and development to facilitation of environmental education programmes, the role of the intern includes co-ordination of events, talks, guided hikes, exhibitions, groups and holiday programmes. The intern will also provide education support to teachers, learners and volunteers as well as community training and assistance.

Work areas

■ Project management ■ Stakeholder engagement ■ Resource development ■ Programme implementation

City of Cape Town, Education and Extension Officer

Cape Town

The City of Cape Town's mission is to continuously improve processes, systems and capacity of staff to support the vision of a sustainable and well-governed municipality. In doing this, the City hopes to introduce best practices that will exceed statutory requirements and guidelines, as well as the expectations of communities.

Engaging with citizens and communities to implement projects on the ground, the intern will plan awareness-raising events and use communications tools to promote the benefits of healthy urban river corridors. He / she will also provide support for the implementation of the Adopt-a-river-reach Programme for schools.

Work areas

■ Research and writing ■ Project management ■ Stakeholder engagement

Nature's Valley Trust, Education and Extension Officer

Nature's Valley

The Nature's Valley Trust is a small community-driven non-profit organisation that focuses on integrated conservation across four areas – conservation, education, community and research.

Based on research results the intern will support the conservation education team to design locally-relevant conservation intervention programmes, which includes developing and implementing programmes with local communities and schools.

Work areas

■ Programme design ■ Programme implementation ■ Social media management

WWF South Africa, Education and Extension Officer

Cape Town

WWF is one of the world's largest and most respected conservation organisations, with a global network active in more than 100 countries. The organisation seeks to stop the degradation of the Earth's natural environment and to build a future in which humans live in harmony with nature.

The intern will facilitate community conservation work across projects and apply GIS skills to update the land database. He / she will support the implementation of stewardship and technical support for protected area expansion. This role will also provide assistance to the Land and Stewardship Programme on various research projects.

Work areas

■ Stewardship extension ■ Research support ■ Technical support

WWF South Africa, Education and Extension Officer

Stellenbosch

WWF is one of the world's largest and most respected conservation organisations, with a global network active in more than 100 countries. The organisation seeks to stop the degradation of the Earth's natural environment and to build a future in which humans live in harmony with nature.

This intern would be required to assist the Sustainable Agriculture Programme with project planning and activities related to best agricultural practices and conservation of natural resources in the Conservation Champions initiative. Using a biodiversity stewardship approach, he / she will support landowner engagements including planning and convening workshops, farm visits, conservation planning, negotiations and report writing.

Work areas

- Project and GIS administration
- GIS mapping
- Research support
- Stakeholder engagement

ENERGY EFFICIENCY TECHNICIAN

SA-LED, Energy Efficiency Technician

Pretoria

Developed in partnership with government, the South African-Low Energy Development Programme works to strengthen the capacity of the public sector to plan, finance, implement and report on low energy projects and to accelerate the adoption of low emissions technologies. SA-LED is a part of USAID's programme to enhance the capacity for LED's global flagship initiative that is now supporting more than 25 countries.

The intern will work with the capacity building and stakeholder engagement specialist to support municipalities in implementing low emissions development initiatives. Also working alongside the project development specialist, the intern will help to identify projects, develop project implementation plans and help to access funds for these projects.

Work areas

- Data collection and analysis
- Stakeholder engagement
- Report writing
- Training co-ordination

Sustainable Energy Africa, Energy Efficiency Technician

Cape Town

Sustainable Energy Africa is a non-profit organisation that promotes equitable, low carbon, clean energy development in urban South Africa and across Africa. They promote energy efficiency, sustainable urban planning for transport and the transition to more sustainable energies such as solar and wind power, as well as access to safe and affordable energy services for all.

While Sustainable Energy Africa supports the three spheres of government, they particularly support local government on sustainable energy development and climate change mitigation by assisting in strategy and policy development. The intern will be involved in formulation of action plans and policy implementation.

Work areas

- Research support
 - Capacity building
 - Policy engagement
 - Information dissemination
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ENVIRONMENTAL ECONOMIST

WWF South Africa, Environmental Economist

Johannesburg

WWF is one of the world's largest and most respected conservation organisations, with a global network active in more than 100 countries. The organisation seeks to stop the degradation of the Earth's natural environment and to build a future in which humans live in harmony with nature.

The Policy and Futures Unit focuses on transitions to a low-carbon economy at a conceptual level and with specific implementation projects. The intern will participate in building a micro-economic case for a climate change mitigation initiative across various sectors from energy and transport to waste and agriculture, forestry and other land uses.

Work areas

- Research support
- Stakeholder engagement
- Policy advocacy
- Administrative support

ENVIRONMENTAL MANAGER

Eastern Cape Parks and Tourism Agency, Environmental Manager

East London

The Eastern Cape Parks and Tourism Agency works towards a vision of biodiversity conservation and 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 in the review of all land use planning applications in accordance with relevant environmental legislation. The intern will assess land use applications, prepare assessments and advisory reports and monitor compliance with environmental best practice on development sites.

Work areas

- Environmental management and planning
- Compliance monitoring
- Stakeholder engagement

NCC Environmental Services, Environmental Manager

Lephalale

NCC Environmental Services is a values-driven organisation with a vision of real growth for people, planet and business. Since inception in 2003, NCC has provided a number of services to a variety of customers and industries, from conservation and environmental management to training and health and safety.

The intern will assist, support and gain valuable experience in all aspects of environmental management related to construction at the Medupi Power Station, in line with environmental legislation and compliance requirements.

Work areas

- Environmental audits
- Stakeholder engagement
- Reporting

NCC Environmental Services, Environmental Manager

Cape Town

NCC Environmental Services is a values-driven organisation with a vision of real growth for people, planet and business. Since inception in 2003, NCC has provided a number of services to a variety of customers and industries, from conservation and environmental management to training and health and safety.

The intern will assist, support and gain valuable experience in all aspects of environmental management related to filming and events in and around Cape Town, in line with environmental legislation and compliance requirements.

Work areas

■ Environmental auditing ■ Stakeholder engagement ■ Fieldtrip logistics ■ Reporting

Nedbank, Environmental Manager

Johannesburg

The Nedbank Group is one of South Africa's four largest banking groups. The bank's green journey began more than 20 years ago with significant investment in conservation projects. Nedbank's social and environmental management system includes the screening of clients in high environmental impact sectors and provides an independent assessment of the impact and mitigation thereof.

The intern will support in planning, organising, directing, controlling and co-ordinating the development and implementation of an environmental management system within organisations. They will do this by identifying, solving and alleviating environmental issues such as pollution and waste treatment in compliance with environmental legislation and ensuring corporate sustainable development.

Work areas

■ Social and environmental screening ■ Programme implementation ■ Stakeholder engagement

The Green House, Environmental Manager

Cape Town

The Green House is a sustainability consulting firm working on a wide range of energy, carbon and sustainability-related projects including strategic energy planning, carbon footprinting and life cycle assessment. The Green House has experience in a number of sectors including energy, transport, industry, agriculture, waste management, mining and minerals.

The intern will be involved in diverse research projects for national and provincial government, NGOs and large corporates. Many projects involve some degree of systems modelling and quantitative analysis. Depending on the projects at the time, work could include contributing to the development of sustainability strategies, lifecycle assessments, policy analysis and identifying climate risks and opportunities.

Work areas

■ Data collection and analysis ■ Literature reviews ■ Research support ■ Workshop co-ordination

ENVIRONMENTAL SCIENTIST

City of Cape Town, Environmental Scientist

Cape Town

The City of Cape Town's mission is to continuously improve processes, systems and capacity of staff to support the vision of a sustainable and well-governed municipality. In doing this, the City hopes to introduce best practices that will exceed statutory requirements and guidelines, as well as the expectations of communities.

This internship role supports research in climate change adaptation, feeding into the City's revised climate change adaptation plan. The intern will support and track implementation of the City's climate change policy as well as progress in the green economy.

Work areas

- Research support
- Workshop co-ordination
- Monitoring and evaluation
- Stakeholder engagement

Isidima Design and Development, Environmental Scientist

Cape Town

An innovative engineering consultancy based in Cape Town, Isidima was established to restore dignity to people and the environment in which they live. They aim to make cities thriving, liveable places, through the provision of effective sanitation solutions and a holistic approach to river restoration.

This internship role involves support in the design, maintenance and monitoring of ecological water and wastewater treatment systems. These systems use indigenous vegetation as an integral part of the treatment process for polluted water from domestic and industrial effluent, as well as from stormwater run-off.

Work areas

- Research support
- Ecological treatment design
- Water quality sampling

SADSTIA, Environmental Scientist

Cape Town

The South African Deep-Sea Trawling Industry Association is a recognised industry body which represents the interests of the deep-sea trawling fishing sector. They carry out relevant research pertinent to the sector which might include the monitoring of the fishery, biological data acquisition and analysis, and social and economic studies.

The intern will join sea trips on fishing vessels and undertake research, including data collection, analysis and reporting to monitor the interface between the fishery and the environment.

Work areas

- Data collection
- Data analysis
- Report writing
- Conservation and education

GENETICIST

SANBI, Geneticist

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 (NEM:BA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

The geneticist intern appointed in this role will be involved in molecular ecology research projects, particularly with DNA sequencing and fieldwork for reptiles and amphibians.

Work areas

- Research support
- Lab work
- DNA banking
- Fieldwork

GIS TECHNICIAN

City of Cape Town, GIS Technician

Cape Town

The City of Cape Town's mission is to continuously improve processes, systems and capacity of staff to support the vision of a sustainable and well-governed municipality. In doing this, the City hopes to introduce best practices that will exceed statutory requirements and guidelines, as well as the expectations of communities.

Assisting with GIS projects at the Westlake Conservation Centre, the intern will be involved in field data collection, data capture, updating monitoring procedures and methods and some training of field staff.

Work areas

- Field data collection
 - Procedure review
 - Data capture and administration
 - Training support
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EWT, GIS Technician

Johannesburg

As a high-profile player in species conservation, the Endangered Wildlife Trust achieves its goals through specialist programmes. They identify key factors threatening biodiversity, develop innovative methodologies and best practice to reduce these impacts and promote harmonious co-existence and sustainable living for both people and wildlife.

The Conservation Science Unit provides scientific support to EWT's programmes in data collection, data management, data analyses and capacity building. The intern will support data management for some biodiversity datasets, provide GIS support to programmes, analyse datasets and assist with training programmes.

Work areas

- Data management
 - GIS support
 - Research and report writing
 - Scientific training
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Overberg Fire Protection Agency, GIS Technician

Bredasdorp

The Greater Overberg Fire Protection Association covers about 55% of the Overberg district. They help land users predict, prevent, manage and extinguish wildfires that can destroy property, livelihoods, biodiversity and sometimes even lives. They assist landowners to work strategically with partners to better prevent wildfires, and react more effectively to suppress wildfire.

As a GIS data technician, the focus of this internship role is to populate membership maps from applications received, analyse and work with the advanced fire information system, carry out wildfire and burn scar mapping as well as supporting at incidents and helping with awareness and communication.

Work areas

- GIS mapping
 - Data collection
 - Information validation
 - Wildfire reporting
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SANBI, GIS Technician

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 (NEM:BA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

In this role the GIS intern will be involved in ensuring data quality, data management and georeferencing as well as digitising and classification duties, among others.

Work areas

- Digitising data
 - Mapping data
 - Data quality control
 - Transcription projects
-

WESSA, GIS Technician

Cape Town

The Wildlife and Environment Society of South Africa works in strategic partnerships around water, biodiversity and addressing climate change. They focus on community and youth development with initiatives such as the Schools Programme, that involves more than 500 000 learners across nine provinces and the Blue Flag Programme which focuses on the environmental management of beaches and coastal waters.

In this role the intern will provide environmental infrastructure project support with a particular focus on the management of alien invasive plants. He / she will develop and set up GIS data monitoring as well as capture tools and clean and file data sets related to the management of alien invasive plants.

Work areas

- Research support
- GIS data monitoring
- Monitoring and evaluation
- Administrative support

LANDSCAPE ARCHITECT

Wildlands Conservation Trust, Landscape Architect

Hilton

Working at the critical interface between conservation and socio-economic wellbeing, Wildlands Conservation Trust is a non-profit conservation organisation that aims to create resilience through innovative green economy solutions. They promote social inclusivity and sustainable development, while conserving and managing biodiversity and ecosystems which underpin the welfare of communities.

The intern will assist in the management and operational co-ordination of the open space management of the Cornubia Development Project facilitated by Tongaat Hullet Developments and eThekweni Department of Housing. This includes overseeing the greening and restoration work by relevant teams based on the conditions outlined in the management plan.

Work areas

- Project management
- On-site support
- Stakeholder engagement
- Administrative support

LIFE SCIENCES TECHNICIAN

City of Cape Town, Life Sciences Technician

Cape Town

The City of Cape Town's mission is to continuously improve processes, systems and capacity of staff to support the vision of a sustainable and well-governed municipality. In doing this, the City hopes to introduce best practices that will exceed statutory requirements and guidelines, as well as the expectations of communities.

The intern will assist with the overall management of the Simon's Town penguin colony in the coastal conservancy at Boulders Beach. This includes overseeing penguin monitors and related reporting, maintenance, rehabilitation and stakeholder engagement.

Work areas

- Environmental management
 - Research support
 - Stakeholder engagement
 - Partnership development
-

SAIAB, Life Sciences Technician

Grahamstown

The South African Institute for Aquatic Biodiversity provides various scientific research platforms for researchers both nationally and internationally. They also maintain a number of research vessels which contain very technical equipment. The acoustic telemetry array platform draws a lot of international collaboration and the genetics and ecophysiology laboratories are growing in demand.

The intern will assist the molecular lab manager with general lab operations, molecular lab work and administrative duties as well as database curation.

Work areas

■ Administrative support ■ Science engagement ■ Operations support ■ Research support

SAIAB, Life Sciences Technician

Grahamstown

The South African Institute for Aquatic Biodiversity provides various scientific research platforms for researchers both nationally and internationally. They also maintain a number of research vessels which contain very technical equipment. The acoustic telemetry array platform draws a lot of international collaboration and the genetics and ecophysiology laboratories are growing in demand.

The intern will receive skipper training as well as sea-going training, and will be responsible for operating various oceanographic and biological field-sampling equipment both at sea and on estuaries. He / she will also have to drive students to field study sites and assist with fieldwork as well as supply chain management.

Work areas

■ Research support ■ Field sampling ■ Equipment maintenance ■ Administrative support

MARINE BIOLOGIST

Eastern Cape Parks and Tourism Agency, Marine Biologist

East London

The Eastern Cape Parks and Tourism Agency works towards a vision of biodiversity conservation and 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 work of the scientific services through logistical support, field work, data collection, data management and stakeholder engagement in marine and coastal protected areas. The intern will also be involved in developing, co-ordinating and implementing research projects based on research needs and interests.

Work areas

■ Research support ■ Training support ■ Stakeholder engagement ■ Administrative support

SAIAB, Marine Biologist

Grahamstown

The South African Institute for Aquatic Biodiversity provides various scientific research platforms for researchers both nationally and internationally. They also maintain a number of research vessels which contain very technical equipment. The acoustic telemetry array platform draws a lot of international collaboration and the genetics and ecophysiology laboratories are growing in demand.

The intern will assist with the co-ordination of field trips to the coastal waters and intertidal systems, as well as supporting the laboratory processing and analysis of field samples in taxonomy, physiology or molecular biology.

Work areas

- Field support
 - Laboratory work
 - Research support
 - Administrative support
-

SANBI, Marine Biologist

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 (NEM:BA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

The marine unit at SANBI works to achieve the marine aspects of SANBI's mandate. The appointed marine biologist intern will assist with monitoring and reporting on the state of marine and coastal biodiversity. He / she will also be involved with the provision of strategic marine biodiversity evidence and advice.

Work areas

- Research support
 - Marine Protected Area planning
 - Stakeholder engagement and communication
-

Two Oceans Aquarium, Marine Biologist

Cape Town

The Two Oceans Aquarium is a privately owned public aquarium where the wellbeing of the animals is a top priority. With a vision to inspire action for the future well-being of our oceans, they create awareness through exhibits, campaigns and their active education centre. They are also involved in conservation and research.

The internship role is within the curatorial department which is responsible for the health and welfare of the animal collections and maintenance of the world-class exhibits. The intern will gain experience in aquariology, conservation, research and education. This will include skills such as live culture production, animal health management and marine outreach.

Work areas

- Aquarium science
 - Animal capture and maintenance
 - Research support
 - Conservation and education
-

WWF South Africa, Marine Biologist

Cape Town

WWF is one of the world's largest and most respected conservation organisations, with a global network active in more than 100 countries. The organisation seeks to stop the degradation of the Earth's natural environment and to build a future in which humans live in harmony with nature.

Working within the Marine Programme, the intern will primarily support the scientific development of seafood sustainability assessments for the Southern African Sustainable Seafood Initiative (WWF-SASSI). This requires undertaking literature research, compiling draft sustainability assessments and writing summary assessments for SASSI tools. The intern will further co-ordinate WWF-SASSI listings.

Work areas

- Research support
 - Data management
 - Report writing
 - WWF-SASSI assessment updates
-

STATISTICIAN

SANBI, Statistician

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 (NEM:BA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

Data capturing, cleaning and curation of bird species and habitat monitoring data sets collated over the last 10 years for various bird projects including a citizen science atlas project.

Work areas

- Data processing
- Data analysis
- Fieldwork
- Citizen science project support

SUSTAINABILITY MANAGER

Pick n Pay, Sustainability Manager

Cape Town

As one of the largest retailers in Africa, the Pick n Pay Group sells food, groceries and general merchandise in its 1,242 stores across South Africa, Namibia, Botswana, Lesotho, Swaziland, Zimbabwe and Zambia. They were the first retailer in Africa to make sustainable seafood commitments.

The sustainability intern will be involved with the collection and collation of data on various sustainability issues including waste, water, energy and seafood. He / she will be responsible for extracting data and then writing reports and developing presentations for the business and other key stakeholders.

Work areas

- Data collection
- Statistical analysis
- Report writing
- Presentation creation

SPAR, Sustainability Manager

Durban

The Spar Group 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 researching the supply of SPAR's housebrands including its packaging, and developing sustainability criteria for all suppliers.

Work areas

- Research support
- Sustainability consultation
- Communication support
- Stakeholder engagement

WWF South Africa, Sustainability Manager

Cape Town

WWF is one of the world's largest and most respected conservation organisations, with a global network active in more than 100 countries. The organisation seeks to stop the degradation of the Earth's natural environment and to build a future in which humans live in harmony with nature.

The Food and Markets Programme intern will assist in fostering co-operation to enable a shift to a sustainable food system. He / she will do this through research, raising awareness, investigating barriers and opportunities and building partnerships with key stakeholders to ensure long-term impact and scale with government and others committed to a resource-smart food system.

Work areas

- Research support
- Writing reports
- Communication support
- Event organisation

URBAN AND REGIONAL PLANNER

WWF South Africa, Urban and Regional Planner

Cape Town

WWF is one of the world's largest and most respected conservation organisations, with a global network active in more than 100 countries. The organisation seeks to stop the degradation of the Earth's natural environment and to build a future in which humans live in harmony with nature.

While one area of the Policy and Futures Unit is to transition to a low-carbon, equitable transport sector, a new focus is spatial planning to reduce the need for freight or passenger transport. This includes planning freight transport hubs as well as urban areas that integrate residential, education, health, leisure and work opportunities.

Work areas

- Research support
- Applied urban planning
- Stakeholder engagement
- Policy advocacy

WATER QUALITY TECHNICIAN

Emanti Management, Water Quality Technician

Stellenbosch

Emanti Management is an expanding broad-based Black Economic Empowerment (B-BBEE) specialist consultancy that focuses on water and environmental engineering. They assist both the public and private sector to proactively manage the environmental and health and safety risks in the drinking water and wastewater arena.

The intern will support the implementation of identified projects. Focus areas would include water and wastewater quality management, water safety planning and wastewater risk abatement planning as well as support in relation to the provision of water services to municipalities.

Work areas

- Research support
 - Fieldwork support
 - Stakeholder engagement
 - Administrative support
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ZOOLOGIST

SANBI, Zoologist

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 (NEM:BA), they focus on the management and conservation of biological diversity and the use of indigenous biological resources in a sustainable manner.

The intern at SANBI's zoology unit will be involved in all aspects relating to the unit including a checklist of animal species and e-fauna, including information about priority animal species for dissemination. He / she will also ensure co-ordination and quality control of occurrence records for animal species for programmes involving threatened species assessments.

Work areas

■ Research support ■ Data updates ■ Record monitoring ■ Georeferencing

WWF South Africa, Zoologist

Cape Town

WWF is one of the world's largest and most respected conservation organisations, with a global network active in more than 100 countries. The organisation seeks to stop the degradation of the Earth's natural environment and to build a future in which humans live in harmony with nature.

The intern will provide support to the manager in both the science and policy aspects of the Rhino Programme which works on species conservation, community engagement and illegal wildlife trade issues.

Work areas

■ Research support ■ Policy support ■ Government partnership support
