

Department of Environmental Affairs

APPLICATIONS The Director-General: Department of Environmental Affairs, Private Bag X4390, Cape Town 8001 or hand-deliver to: 14th Loop Street, Cape Town.

CLOSING DATE **31 January 2020**

FOR ATTENTION Human Resources

NOTE Application must be submitted on a signed and dated Z83 form with a copy of a comprehensive CV, original certified copies of qualifications, ID document and a valid Driver's License in order to be considered. It is the applicant's responsibility to have foreign qualifications evaluated by the South African Qualification Authority (SAQA). The National Department of Environmental Affairs is an equal opportunity, affirmative action employer. Correspondence will be limited to successful candidates only. Short-listed candidates will be subjected to screening and security vetting to determine their suitability for employment, including but not limited to: Criminal records; Citizenship status; Credit-worthiness; Previous employment (reference checks); and Qualification verification. Furthermore, the person appointed to this position will be subjected to a security clearance and the signing of a performance agreement. For more information regarding the requirements and duties, please visit our website at www.environment.gov.za. Click on vacancies and ensure you follow the correct link to the position of interest. The Department reserves the right not to make an appointment. No e-mailed, faxed or late applications will be considered. If you have not been contacted within three 3 months after the closing date of the advertisement, please accept that your application was unsuccessful. Candidates may be subjected to a practical job based ability test.

POST **MARINE RESEARCH ASSISTANT III: BIOLOGY**

(OC39/2019)

SALARY **R 257 508 per annum**

CENTRE **Cape Town**

REQUIREMENTS National Diploma in Natural Science or equivalent qualification. 1-2 years' experience required in relevant field. Experience with microscope analysis of plankton samples, identification of ichthyoplankton and zooplankton, stable isotope analysis, and the use of plankton sampling gear. Knowledge of Oceans and Coastal management legislative frameworks, Strategic Management, HR practice & procedures, Administrative procedures. Research skills, sound organizing and planning skills. Good communication skills. Computer literacy. Leadership skills. Basic Analytical skills. A valid code 08/EB driver's license. Willingness and ability to go to sea regularly and for extended periods; the successful candidate must pass a medical examination for seafarers (Section 101 of the SAMSA Act 57 of 1951).

NOTE **Short-listed candidates may be required to undergo a theoretical and practical test of their competency with respect to the maintenance of oceanographic instrumentation and electronics systems, and/or physical oceanographic data processing techniques.**

DUTIES Collect and capture samples. Prepare required equipment for collection of data samples. Packing and loading of equipment for field or research cruises. Provide research administration support. Provide support during research surveys. Prepare samples for analysis. Provide records management support. Create cruise and station e-files i.e. Bongo & Magnum. Ensure filing of research documents i.e. chlorophyll & zooplankton spread sheets. Provide laboratory management support. Procure research materials/equipment. Stow away chemicals in safe place. Microscope analysis of ichthyoplankton and zooplankton samples. Assist with stable isotope research

ENQUIRIES Jimmy Khanyile 021 819 5003 / Marco Worship 021 819 5017

POST **MARINE RESEARCH ASSISTANT III: PHYSICS (OC40/2019)**

SALARY **R 257 508 per annum**

<u>CENTRE</u>	Cape Town
<u>REQUIREMENTS</u>	An appropriately recognized National Diploma in Oceanography / Electronics Engineering or equivalent qualification. 1-2 years' experience in related field. Knowledge of Physical Oceanography, Data processing, Project management, Personnel management, Sound organising & planning skills. Good Interpretation of data, Good writing & speaking ability, computer operation Acceptance of responsibility, Teamwork, Creativity and Interpersonal skills. Willingness and ability to go to sea regularly for extended periods for data collection (medical clearance will be required from a SAMSA-approved physician). A Valid code 08/EB driver's license,
<u>NOTE</u>	Short-listed candidates may be required to undergo a theoretical and practical test of their competency with respect to the maintenance of oceanographic instrumentation and electronics systems, and/or physical oceanographic data processing techniques.
<u>DUTIES</u>	Assist in the development and maintenance of fixed and other in situ observational Platforms. Instrument calibration schedule maintenance software updates. Processing and analysis of physical oceanographic data Data management, dissemination, metadata and archives Participation in research cruises and data collection
<u>ENQUIRIES</u>	Mr. Muthuthuzeli Gulekana, Tel: 021 819 5022/ Mr. Jimmy Khanyile, Tel: 021 819 5007
<u>POST RANK</u>	Scientific Technician Production Grade A (OC38/2019)
<u>SALARY</u>	R 311 859 per annum (R454 267 total package)
<u>CENTRE</u>	CAPE TOWN
<u>REQUIREMENTS</u>	National Diploma in Science, or equivalent qualification with a minimum of 3 years relevant post qualification experience. Compulsory registration with SACNASP as a certified Natural Scientist or equivalent registration with Engineering body (provide certified proof of Registration, or proof of recent application for registration). Must have knowledge of Programme and project management, scientific methodologies, Research and development. Computer-aided scientific applications. Knowledge of legal compliance. Technical report writing. Creating high performance culture. Professional judgment. Data analysis and Mentoring. Willingness and ability to go to sea regularly for extended periods for data collection (medical clearance will be required from a SAMSA-approved physician). A Valid code 08/EB driver's license
<u>NOTE</u>	The following will be an advantage: experience at sea; a small craft skippers certificate (Merchant Shipping Act, 1951) and a class IV scientific diving certificate or higher. A proven track record of competency in the maintenance of oceanographic instrumentation and electronics systems. Short-listed candidates may be required to undergo a theoretical and practical test of their competency with respect to the maintenance of oceanographic instrumentation and electronics systems.
<u>DUTIES</u>	Develop and implement methodologies, policies, systems and procedures. Provide technical assistance to research on physical oceanography and climate change processes around South Africa. Implement technical scientific functions and tasks that require interpretation in the presence of an established framework. Provide technical support and advice. Provide technical assistance to research on methodologies and technology development. Manage technical workshops and assets. Provide technical scientific analysis and regulatory functions. Analysis of scientific samples and production of technical scientific data. Data management and validation. Conduct Research and development Participate in research cruises and field trips. Conduct equipment review. Develop skills, mentor and supervise junior staff, interns and students. To participate in local, regional and international ocean observation programs.
<u>ENQUIRIES</u>	Mr. Muthuthuzeli Gulekana, Tel: 021 819 5022 / Mr. Jimmy Khanyile, Tel: 021 819 5007