



Scientist Production Grade A-C: Physical Oceanography (OC04/2021)

Salary: R618 732 - R939 621 per annum (All-inclusive remuneration package, conditions apply)

Centre: Cape Town

Minimum requirements:

- An appropriate recognised BSc Hons Degree in Physical Oceanography, or an equivalent natural sciences qualification plus three (3) to six (6) years relevant post-qualification experience.
- Compulsory registration with SACNASP as a professional natural scientist (must provide certified copy of registration certificate or proof of recently completed application).
- Must have good knowledge and understanding of physical oceanographic processes and variability around South Africa.
- Ability to conduct basic and applied oceanographic research.
- Proven skills in applying analytical and statistical techniques for the interpretation of in situ physical oceanographic data.
- Proven ability to analyse and interpret large datasets, like remote sensing or in situ data streams. Must have good communication (both verbal and written), and report writing skill.
- A proven track record of relevant research and development output, including mentoring.
- Willingness and ability to go to sea regularly and for extended periods.
- Prior to commencement of duty, the successful candidate must pass a compulsory medical examination for seafarers (Section 101 of the SAMSA Act 57 of 1951) in order to undertake research at sea.

Duties:

- Maintain, develop, and implement methodologies, systems, policies and procedures related to physical oceanographic monitoring and research.

- Continually implement and update standard operating procedures for meeting international data quality standards.
- Participate in the collection of data at sea, and routinely apply analytical and statistical data analysis techniques.
- Conduct basic and applied research and monitoring in the field of physical oceanography, and participate in interpretation and development of new ocean research and monitoring products.
- Publish and communicate research and monitoring output through presentations, peer-reviewed and technical literature.
- Develop skills, mentor and supervise staff and students, and supervise research and development projects.

Enquiries: Dr Tarron Lamont, Cell: 082 224 6239

For attention: Human Resource Management.

Closing date: 01 March 2021

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- All applications must be submitted on a signed **Z83 application form** (*click bold underlined text to download PDF form*) with a copy of a comprehensive CV, certified copies of qualifications (not older than six (06) months), ID document as well as a Driver's License (if required) in order to be considered.
 - **Applications must be forwarded** to the Director-General, Department of Environment Forestry and Fisheries, Private Bag X4390, Cape Town, 8000. Or hand deliver to Department of Environment Forestry and Fisheries, 14 Loop Street, Cape Town. Marked for the attention: Human Resources Management.
 - The National Department of Environment, Forestry and Fisheries is an equal opportunity, affirmative action employer.
 - It is the applicant's responsibility to have foreign qualifications evaluated by the South African Qualification Authority (SAQA).
 - 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.
 - Short-listed candidates will be expected to avail themselves at the department's convenience.
 - **Entry level requirements for SMS posts:** In terms of the directive on compulsory capacity development, mandatory training days and minimum entry requirements for SMS that was introduced on 1 April 2015, a requirement for all applicants for SMS posts from 1 April 2020 is a successful completion of the Senior Management Pre-Entry Programme as endorsed by the National School of Government (NSG). The course is available at the NSG under the name Certificate for entry into SMS and the full details can be obtained by following the below link: <https://www.thensg.gov.za/training-course/sms-pre-entryprogramme/>. The successful candidate will be required to provide proof of completion of the NSG Public Service Senior Management Leadership Programme Certificate for entry into the SMS. Furthermore, candidates shortlisted for the SMS post will be subjected to a technical exercise that intends to test relevant technical elements of the job. Following the interview and the technical exercise, the selection panel will recommend candidates to attend a generic managerial competency assessment in compliance with the DPSA directive on the implementation of competency based assessments.
 - The person appointed to this position will be subjected to a security clearance, the signing of performance agreement and employment contract.
 - The department reserves the right not to make an appointment. If you have not been contacted within three 3 months after the closing date of the advertisement, please accept that your application was unsuccessful.