Specialist Scientist: Physical Oceanography and Remote Sensing (OC 21/2019)

Salary: R 1 245 842 per annum (all inclusive package)
Centres: Cape Town

Requirements:

- An appropriate recognized PhD Degree in Natural Sciences or Physical Oceanography or in Engineering or equivalent qualification, plus ten years relevant post qualification experience.
- Compulsory registration with SACNASP as a certified Natural Scientist (must provide certified copy of Registration Certificate, or proof of recent application for registration plus and payment for such).
- Extensive experience in the conduct of oceanographic research, ocean data and information product development, and a history of working with a broad array of marine stakeholders and oceanographic institutions focusing on the southern African region.
- Experience in team leadership, strategic planning, and project management.
- A proven track record of relevant research and development output including mentoring.
- Familiarity with scientific methodologies and models and operational ocean products and OCIMS marine Decision Support Tool (DeST) development.
- Demonstrated competence with marine remote sensing applications and research & development including SST, SAR, altimetry, and/or scatterometry or other marine winds sensors.
- The successful incumbent will be expected to demonstrate familiarity with the physical oceanography of the region and competency working on a Linux system.

Duties:

- Oversee, supervise and prioritise operational / monitoring programmes and Research & Development projects, oversee the development of operational ocean modelling for DEA, and lead the build-up of South Africa’s operational oceanographic infrastructure, maintaining a high degree of functionality.
- Allocate and manage funds, technical resources and personnel to ensure the success of these endeavours.
• Help identify and prioritise key oceanographic questions of significance to the country; formulate and develop projects and programmes to answer these.
• Develop new operational ocean information products; assist in the selection and prioritisation of products to be generated.
• Ensure that the methods and standard operating procedures utilized by the group will result in data that meet international quality and format standards.
• Publish and communicate the group’s work through dataset and product publication in MIMS, presentations, the professional literature, and technical reports.
• Participate in local, regional and international scientific programmes.

**Enquiries:** Mthuthuzeli Gulekana, Tel: 021 819 5022
Jimmy Khanyile, Tel: 021 819 5007

**For Attention:** Human Resource Management

**Closing date:** 19 August 2019

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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, 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 Environmental Affairs, Private Bag X4390, Cape Town, 8000 or hand-deliver to 14 Loop Street, Cape Town.

The National Department of Environmental Affairs 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.

Candidates shortlist 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.

Furthermore, the person appointed to this position will be subjected to a security clearance, the signing of a performance agreement and an employment contract.

All shortlisted candidates will be expected to avail themselves for an interview at the Department’s convenience.

All candidates shortlisted for SMS post will be subjected to a technical competency exercise that intends to test relevant technical elements of the job, the logistics of which will be communicated by the Department.

Following the interview and technical exercise, the selection panel will recommend candidates to attend generic managerial competencies using the mandated DPSA SMS competency assessment tools.

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.