



Specialist Scientist: Applied Physical Oceanography (OC14/2016)

Salary: Appropriate salary will be determined by according to the regulatory framework based on OSD.

Centre: Cape Town

Requirements:

- An appropriately recognized PhD in Physical Oceanography or related field;
- At least 10 years post-BSc qualification experience in developing and establishing oceanographic research programmes;
- Good knowledge and understanding of oceanography in the region with an ability to integrate with other relevant disciplines for scientific and management purposes;
- A proven track record of relevant research output including peer reviewed publications;
- Extensive experience in human capital development;
- Proven strategic management and scientific leadership. Knowledge in establishing national or regional research programmes;
- A good knowledge and understanding of the physical oceanography in the region for scientific leadership;
- The successful incumbent will be expected to have been registered as a Certificated Natural Scientist with SACNASP;
- A successful incumbent will be expected to pass a medical examination for seafarers (Section 101 of the SAMSA Act.57 of 1951).

Duties:

- Provide strategic scientific leadership and direction at national, regional and international research activities and develop projects to address knowledge gaps in South Africa;
- Conduct and lead original research into the applied physical oceanography around southern Africa with application to the earth systems approach;
- Publish scientific results in peer-reviewed journals and present at conferences.
- Provide advice pertaining to physical oceanography and play a leading role in advocacy;
- Manage research activities in oceanography and evaluate scientific efficiency.
- Mentor, train and develop junior scientist with emphasis on internal staff and students;
- Develop, implement and operationalise an in situ observational measurement strategy for South Africa comprising fixed and mobile platforms with strong local, regional and international links, and integration with ocean modeling and remote sensing;
- Develop and conduct monitoring activities complementing and/or improving existing activities including developing applications and/or products to provide marine information and data to support decision making;
- Participate in cruises, field trips and related activities as appropriate.

Enquiries: Ashley Johnson, Tel: 021 819 5003 /
Jimmy Khanyile, Tel: 021 819 5007

Attention: Human Resource Management

Closing date: 13 June 2016

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- All applications must be submitted on a [Z83 application form](#) [PDF] accompanied by certified copies of qualifications,
 - Take note that the department will verify all qualifications and experience and that original documents must be submitted on appointment and all qualifications obtained abroad will be evaluated by SAQA.
 - Short listed candidates will be subjected to screening and security vetting to determine the suitability of a person for employment.
 - Senior Management candidates to be subjected to competency assessment, signing of an employment contract and performance agreement.
 - If you have not been contacted within three months after the closing date of this advertisement, please accept that your application was unsuccessful.
 - The department reserves the right not to make an appointment.
 - People with disabilities are encouraged to apply
 - Consideration will be given to applicants who meet the minimum requirements of advertised posts.
 - Relaxation of qualification requirements may be considered for non-OSD posts.
 - Applications should be forwarded to the **Director-General, Department of Environmental Affairs, Private Bag X4390, Cape Town 8001 Or hand-deliver to: 14th Loop Street, Cape Town, Attention: Human Resources.**