

Marine Specialist Scientist: Physical Oceanography (OC12/2013)

Salary: R842 733 per annum (All inclusive package flexible remuneration package)

Centre: Cape Town

Requirements:

- An appropriately recognised PhD in Physical Oceanography or related field;
- Extensive relevant research experience;
- Extensive experience in establishing in situ oceanographic programmes;
- A good knowledge and understanding of the physical oceanography in the region for scientific leadership;
- A proven track record of relevant research output including publications and human capital development;
- Proven strategic management and scientific leadership;
- The successful incumbent will be expected to pass a medical examination for seafarers (Act No.57 of 1951) and registration with SACNASP as a Certificated Natural Scientist is compulsory;
- The following will be an advantage: Knowledge in establishing national or regional research programmes.

Duties:

- Provide strategic scientific leadership and direction at national, regional and international levels. Participate in research activities and develop projects to address knowledge gaps in South Africa;
- Conduct and lead original research into the 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 scientists 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. Lead Research and Development into new in situ measurement technologies, platforms, data processing, validation and dissemination methodologies.

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Attention: Human Resource Management

Closing Date: 10 June 2013