Advertisement

The South African Weather Service (SAWS) is a Section 3(a) public entity under the Ministry of Environmental Affairs and is governed by a Board. The organisation is an authoritative voice for weather and climate related services in South Africa and is a member of the World Meteorological Organization (WMO) to fulfil a range of international obligations of the government. South African Weather Service (SAWS) strives to be a Weather and Climate Centre of Excellence providing innovative solutions to ensure a weather-smart region, sustainable development and economic growth. The South African Weather Service (SAWS) is therefore seeking to appoint an efficient and enthusiastic person to undertake the role of:

Lead Scientist: Remote Sensing Research

Department: Research

***Salary: Salary: R*764 047 - R993 208**

Ref. WS12/102018

Centre: Pretoria

Key Performance Areas:

• Developing and maintaining remote sensing operational and research systems (radar, satellite, lightning detection sensors) and capacity/capability within SAWS • Play a significant role in research projects doing research, development, installation and upgrading of the scientific systems relevant to remote sensing research • Evaluate research needs, initiate, plan and conduct research projects related to remote sensing research • Proactively develop research proposals and manage the research efforts forthcoming • Participate in research programmes, projects or activities related to remote sensing research • Advise in developing and maintaining the strategic direction of weather research in the SAWS, in line with the international standards, practices and developments • Develop and nurture external collaboration with national and international institutions relevant to atmospheric research activities • Represent SAWS where appropriate on national or international scientific panels/committees or expert groups in an expert capacity • Participate in the support of relevant operational meteorological systems • Ensure the scientific integrity to international standards of the research activities in his/her field in the SAWS • Contribute actively in the scientific mentoring and development of younger scientists • Act as co-promoter or University study leader • Expected to act as scientific lecture in-house and at university level training courses • Serve on external scientific steering committees and carry out all administrative functions attached to the post

Minimum Requirements and Attributes:

• An appropriate Masters qualification with advanced knowledge and experience in Atmospheric Physics or Atmospheric Science or Applied Mathematics and/or any related field • Registered for a PhD in Atmospheric Physics or Atmospheric Science or Applied Mathematics and/or any related field is essential • A PhD in Atmospheric Physics or Atmospheric Science or Applied Mathematics and/or any related field will serve as an advantage. • Knowledge of programming in any language such R, Python, FORTRAN, etc. • Proven experience of 5 to 10 years in remote sensing systems (radar, satellite, lightning detection sensors) with successful project completion in a team-leader capacity and a publication record relevant to this field is essential

Enquiries for the above-mentioned position must be directed to: Ms. Faith Borotho, at Tel. (012) 367 6095

A comprehensive CV with copies of qualifications should be emailed (with the name of the position and relevant reference number in the subject line) to: **recruitment4@weathersa.co.za**

A SAQA evaluation report must accompany foreign qualifications. Incomplete applications will not be considered.

Closing Date: 31 October 2018

Preference will be given to People living with disabilities in line with SAWS EE Targets. Correspondence will be limited to short listed candidates only. Candidates who have not been contacted within 3 months after the closing date of this advertisement, please accept your application was unsuccessful. The organisation reserves the right not to fill this position. South African Weather Service is an equal opportunity employer. Correspondence will be limited to short listed candidates only.

Record Reference	HCM-ADVERT-LEA-SCI-REM-SEN_151018