

The South African Weather Service (SAWS) is a Section 3(a) public entity under the Ministry of Forestry, Fisheries, and the Environment (DFFE) 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 Organisation (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:

Data Engineer: Marine
Salary Total Package: Negotiable
(Ref. WS01/022022)
Centre: Cape Town

Job Summary:

Will work with the Marine team to develop products and services for public good and commercial applications and must have a strong programming background.

Key performance areas:

The candidate will be required to:

- Develop and maintain systems to facilitate data flow, collection, storage and analysis to support SAWS operational forecast and observing systems.
- Investigate ways to optimize and enhance the functioning and integration of different elements of SAWS operational systems (e.g., data acquisition from external sources, storage, and access of SAWS model output data, postprocessing and integration of observed and modelled data).
- Work with the Marine Unit (based in Cape Town) but also the Research and ICT Teams (based in Centurion). This may require some local travel, but more likely, frequent teleconferencing. The incumbent must therefore be comfortable working with teams both physically and remotely.
- Assist with the development of new products as required.

- Carry out administrative functions attached to the post including the supervision of subordinates, assistance in financial activities including budgeting and expenditure control, and routine office administration tasks.
- Perform functions/duties as delegated by the designated line manager and/or Senior Manager Marine.

Minimum Requirements:

- Master's degree in a quantitative or technical field such as Information Systems, Computer Science, Data Science or Engineering with at least 5-10 years' experience.
- Demonstrated experience in data engineering (e.g., development/maintenance of data management systems, APIs).
- Familiarity with both Windows and Linux computing environments.
- A background or understanding in Meteorology or Physical Oceanography would be an advantage.
- Excellent written and verbal communication skills.
- Ability to work in a team, both physically and remotely.

Please note

Register as user on our website using this link: <https://www.weathersa.co.za/home/vacancies> to apply for the above position and upload your (Comprehensive CV with certified copies of qualifications).

Enquiries for the above-mentioned positions must be directed to: Ms Thembisa Bixa, at Tel. (012) 367 6208.

Closing Date: 15 February 2022

Preference will be given 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 that your application was unsuccessful. The organisation reserves the right not to fill this position. South African Weather Service is an equal opportunity employer.



Record Reference

HCM-ADVERT-(Ref. **WS01/022022**)