

DEPARTMENT OF WATER AND SANITATION  
CLOSING DATE: 22 May 2026

NOTE: Interested applicants must submit their applications via the online link <https://erecruitment.dws.gov.za> Other related documentation such as copies of qualifications, identity document, driver's license etc need not to accompany the application when applying for a post as such documentation must only be produced by shortlisted candidates during the interview date in line with DPSA circular 19 of 2022. With reference to applicants bearing professional or occupational registration, fields provided in Part B on the online Z83 must be completed as these fields are regarded as compulsory. Failure to complete or disclose all required information will automatically disqualify the applicant. No late applications will be accepted. Shortlisted candidates will be subjected to suitability checks (SAQA verification, reference checks criminal and credit checks). SAQA evaluation certificate must accompany foreign qualifications (only when shortlisted). Applications that do not comply with the above-mentioned requirements will not be considered. All shortlisted candidates pertaining to Senior Management Services (SMS) posts will be subjected to a technical and competency assessment and a pre-entry certificate obtained from the National School of government is required prior to the appointment. All shortlisted candidates, including the SMS, shall undertake two pre-entry assessments. One will be a practical exercise to determine a candidate's suitability based on the post's technical and generic requirements and the other must be an integrity (ethical conduct) assessment. Candidates will be required to complete a financial disclosure form and undergo security clearance. Foreigners or dual citizenship holders must provide a police clearance certificate from country of origin (only when shortlisted). The Department of Water Sanitation is an equal opportunity employer. In the filling of vacant posts, the objectives of section 195 (1) (i) of the Constitution of South Africa, 1996 (Act No: 108 of 1996) the Employment Equity imperatives as defined by the Employment Equity Act, 1998 (Act No: 55 of 1998) and relevant Human Resources policies of the Department will be taken into consideration. Correspondence will be limited to short-listed candidates only. If you do not hear from us within three (3) months of this advertisement, please accept that your application has been unsuccessful. Faxed applications will not be considered. The department reserves the right not to fill these positions. Women and persons with disabilities are encouraged to apply and preference will be given to the EE Targets.

POST: SCIENTIST PRODUCTION GRADE A - C REF NO: 220526/05

BRANCH: WATER RESOURCE MANAGEMENT DIR: WATER INFORMATION INTEGRATION

SD: INTEGRATED WATER RESOURCE STUDIES

CENTRE: Pretoria Head Office

SALARY: R791 604 – R1 189 767 per annum (All-inclusive OSD salary package) (Offer will be based on proven years of experience)

REQUIREMENTS: A Science Degree (BSc) (Hon) in Hydrology. A Master of Science (MSc) will serve as an added advantage. Three (3) years post-qualification Natural Science experience. Compulsory registration with SACNASP as a Professional Natural Scientist. The disclosure of a valid unexpired driver's license. Experience in conducting integrated water resource studies (water quality, quantity and ecology). Experience in hydrological and water quality modelling tools (WRSM2000, ACRU, WRYM, WRPM, HEC-HMS, SWAT+, WQSAM). Experience in water resource data collection, analysis, interpretation, presentation and derivation of information. Knowledge of water information systems. Knowledge of geographical information systems (GIS) tools (ArcMap and QGIS). The ability to apply scientific principles to integrate and interpret water quality or quantity data to draw scientifically sound conclusions. Understanding of research and development. Technical report writing. Possesses a high-performance culture. Professional judgement. Data analysis. Presentation skills. Decision-making and analytical skills. Creativity and customer focus. Good communication skills, both verbal and written. Problem-solving and analysis.

DUTIES: Conduct integrated water resource studies (quantity, quality, and ecology) focusing on the impact of land use, water use activities, and climatic pressures on water resources (surface and groundwater)- analysis of water resource data, developing, configuring and setting up various integrated hydrological and water quality models. Coordinate, analyse, and compile the national state of water report. Compile monthly state of water bulletins. Compile quarterly state of water quality bulletins. Liaise with water sector stakeholders, including other Government Departments and the public, on water issues through workshops and other facilitation techniques.

ENQUIRIES: Mr Joshua Rasifudi, Tel No: (012) 336 6856

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