



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 10 NOVEMBER 2023

NOTE: Interested applicants must submit their applications for employment to the address specified on each post. Applications must be submitted using the newly implemented Z83 form obtainable on the Department of Water and Sanitation's website, under career opportunities or the DPSA website, under vacancies in the Public Service (point 4) and should be accompanied by a comprehensive CV (with full particulars of the applicants' training, qualifications, competencies, knowledge & experience). All required information on the Z83 application form must be provided. 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 of the Z83 must be completed as these fields are regarded as compulsory and such details must also be included in the applicants CV. For posts requiring a driver's license, annotate such details on CV. Failure to complete or disclose all required information will automatically disqualify the applicant. No late applications will be accepted. A SAQA evaluation certificate must accompany foreign qualification/s (only when shortlisted). Applications that do not comply with the above-mentioned requirements will not be considered. Candidates will be required to complete a financial disclosure form and undergo a 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 or emailed 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 (X2 POSTS) REF NO: 101123/03
BRANCH: INFRASTRUCTURE MANAGEMENT: HEAD OFFICE DIR: INFRASTRUCTURE CAPACITY ANALYSIS
SD: FLOOD ANALYSIS AND FLOOD MANAGEMENT PROTOCOLS
SALARY: R687 879 - R1 035 084 per annum (all-inclusive OSD salary package) (Offer will be based on proven years of experience)
CENTRE: Pretoria Head Office

REQUIREMENTS: Science degree (BSc) (Hon) or relevant qualification. Compulsory registration with the South African Council of Natural Scientific Professions (SACNASP) as a professional Natural Scientist. Three (3) years post-qualification of natural-scientific experience. Working knowledge of programming languages commonly used in data preparation for hydrological and hydraulic modelling will serve as an added advantage. The disclosure of a valid unexpired driver's license. Experience in hydrological and/or river modelling skills and their application in flood monitoring and forecasting. Intimate knowledge and proven experience in working with hydrological data and information management systems/software, hydrological application of real-time or near real-time data transmission systems. Working knowledge and application of climate and weather forecasts in flood management.

DUTIES: Developing and implementing hydrologic and hydraulic modelling systems for application in flood management. Forecasting and control at dams in South Africa. Providing early flood warning service to local and regional communities as well as riparian neighboring states downstream of major South African water resource infrastructure. Developing and implementing flood data and information management systems. Providing flood monitoring, forecasting, control, and early warning expertise to DWS, capacity building, information sharing and international water cooperation programmes, adapting the latest findings, innovations, and best practices in flood monitoring, forecasting and control at dams in South Africa. Provide professional technical advice and flood control support services to other directorates and other organizations. Keep abreast with the latest developments in the fields of dam safety, flood management, forecasting control, formulating new protocols and standards to reflect the latest trends. Participate in the operation of the Vaal and Bloemhof dams, in the Orange-Vaal system during extreme flood events. Liaise with the Operation Clusters in the DWS at National and Provincial levels on all relevant communal issues. Attend meetings and perform work on behalf of the Department around the country, which may entail long and inconvenient travel and working hours.

ENQUIRIES: Mr. TA Thobejane Tel No: (012) 336 7869

APPLICATIONS: Pretoria (Head Office): Please forward your application quoting the relevant reference number to The Department of Water and Sanitation, Private Bag X350, Pretoria, 0001 or hand deliver to Delta Continental Building, Corner of Visagie and Bosman Street, Pretoria, 0001. For Attention: Planning, Recruitment and Selection Unit