



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 14 February 2025

APPLICATIONS: 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, drivers 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. 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 drivers 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. Shortlisted candidates will be subjected to suitability checks (SAQA verification, reference checks criminal and credit checks). 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. 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. 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). 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 Agency 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 Agency 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. 140225/04

BRANCH: WATER RESOURCE MANAGEMENT DIR: SPATIAL INFORMATION

SALARY: R721 476 – R1 084 368 per annum (All-inclusive OSD salary package) (Offer will be based on proven years of experience)

CENTRE: Head Office Pretoria

REQUIREMENTS: A Bachelor of Science Degree (BSc) (Hon) or relevant qualification preferably in the Geomatics field. Three (3) years post qualification experience in the Natural Science Geo-Professional field. Compulsory registration with the South African Council for Natural Scientific Professions (SACNASP) as a Professional Natural Scientist. Registration with the South African Geomatics Council (SAGC) as Geo-Information Science Professional will serve as an added advantage. The disclosure of a valid unexpired driver's license. Knowledge and understanding of the National Water Act (Act 36 of 1998) and other relevant legislation.

Knowledge and experience in Remote Sensing, Geographical Information Systems, Photogrammetry/ aerial surveys, and other related disciplines. Experience in the application of Remote Sensing technology in Water Resources Management. Computer Literacy with proven skills for operating software like ENVI, ERDAS, ILWIS, R Scripts, Quantum GIS, ARCGIS, etc. Ability to analyse, interpret and process satellite imagery, aerial photography and other related spatial data.

Knowledge and experience in the operating of Unmanned Aerial Vehicles (UAV's) / Drones, and Aerial Surveys will serve as an added advantage. Sound knowledge and experience in the generation and use of different remote sensing models as a water resource management tool.

Good technical skills, scientific report writing, and interpretation skills. Ability to work productively in an environment consisting of interdisciplinary internal and external stakeholders. Sound interpersonal skills as well as the willingness to travel in remote areas.

DUTIES: Analyse and interpret remote sensing data and other related data for decision-making. Prepare and submit technical reports. Acquisition of satellite data, aerial photography, lidar data, digital terrain models (DTM), and other related data. Collaborating with different stakeholders and initiating agreements for data sharing. Acquisition of aerial

surveys, lidar, including orthophoto and line mapping, and other related spatial data and information. Respond to client queries within and outside the department.

Supervising, mentoring, and facilitating training and career development of junior officials and assisting them with professional registration. Management of projects and activities, ensuring achievement of targets as per the Directorate operational plan. Participation in relevant advisory committees that are related to geomatics, hydrology and water resources management.

ENQUIRIES: Ms Carey Rajah Tel No: (012) 336-8130

APPLICATIONS: Pretoria: Please email your application quoting the relevant reference number on the subject line to: RecruitHO04@dws.gov.za or hand deliver to: Delta Continental Building, Corner of Visagie and Bosman Street, Pretoria, 0001 or post to: Private Bag X350, Pretoria, 0001. For Attention: Recruitment and Selection Unit