



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 14 March 2025

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. Shortlisted candidates will be subjected to suitability checks (SAQA verification, reference checks criminal and credit checks). 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). 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: 140325/01

BRANCH: WATER RESOURCE MANAGEMENT DIR: RESOURCES QUALITY INFORMATION SERVICES SD
RESOURCE QUALITY MONITORING (RQM)

CENTRE: Roodeplaat Pretoria

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

REQUIREMENTS: A Science Degree (BSc) Honours (Environmental Science) in the fields of Freshwater Biology, Aquatic Science, or Ecology. 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. Demonstrated experience and knowledge in the application of aquatic ecosystems assessment indices, particularly the Fish Response Assessment Index (FRAI), Geomorphology Assessment Index (GAI), and SA Diatom Index (SADI). Experience in conducting fieldwork and collecting aquatic ecosystem data from riverine and wetland systems. Familiarity with statistical software and tools used for aquatic ecosystems data analysis (e.g. Ecstatus Model or equivalent). Proven track record of engaging with stakeholders, institutions, and community groups in aquatic ecosystem biomonitoring. Excellent communication skills including verbal, report writing, and presentation skills. Sound interpersonal skills as well as the ability to work in a multi-disciplinary team. Proven liaison and networking skills especially as they relate to corporate governance and stakeholder engagement. Computer Skills. Willingness to work abnormal hours and under pressure as well as travel country-wide.

DUTIES: Implementation of Fish Response Assessment Index (FRAI), Geomorphology Assessment Index (GAI) and SA Diatom Index (SADI): Develop and execute detailed protocols for the FRAI, GAI and SADI ensuring adherence to best practices and standards. Conduct field surveys to collect data on fish assemblages, geomorphological features and diatom communities. Data Analysis and Reporting: Analyze collected data to derive insights regarding the ecological status and trends within aquatic ecosystems. Prepare comprehensive reports detailing findings, methodologies, and recommendations for the Department of Water and Sanitation (DWS) and its stakeholders. Ecstatus Monitoring: Contribute to the analysis and reporting of river, wetland, and estuarine ecstatus within the

framework of the River Ecstatus Monitoring Programme (REMP)., National Wetland Monitoring Programme (NWMP), and the National Estuaries Monitoring Programme (NEsMP). Work collaboratively with a multidisciplinary team to ensure integrated assessments of aquatic ecosystems. Stakeholder Engagement: Coordinate with DWS regional, Catchment Management Agencies (CMAs), Proto-CMAs and other national agencies or departments as well as non-governmental organizations (NGOs) focused on aquatic ecosystem biomonitoring, conservation and management. Facilitate workshops and meetings with stakeholders to disseminate results and incorporate feedback into programme development.

ENQUIRIES: Mr E Mogakabe, Tel: 012 808 9596 Cell: 082 808 9844

APPLICATIONS: Head Office (Pretoria): Please email your application quoting the relevant reference number on the subject line to: RecruitHO08@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