



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 27 NOVEMBER 2020

Note: Interested applicants must submit their applications for employment to the e-mail address specified to each post. Applications must be submitted on a signed and dated Z83 form, obtainable from any Public Service Department, and should be accompanied by a comprehensive CV as well as copies of qualifications and Identity document. No late, applications will be accepted. Original/certified copies must be produced by only shortlisted candidates during the interview date. A SAQA evaluation report must accompany foreign qualifications. Applications that do not comply with the above mentioned requirements will not be considered. All shortlisted candidates for SMS posts will be subjected to a technical and competency assessment. A pre-entry certificate obtained from the National School of Government (NSG) is required for all SMS applicants. Candidates will complete a financial disclosure form and also be required to undergo a security clearance. Foreigners or dual citizenship holders must provide the Police Clearance certificate from country of origin. 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 two (2) months of this advertisement, please accept that your application has been unsuccessful. 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: SCIENTIFIC MANAGER GRADE A: REF NO 271120/05
BRANCH: PLANNING AND INFORMATION RESOURCE QUALITY INFORMATION
SALARY: R854 154 per annum (all-inclusive OSD salary package)
CENTRE: Pretoria, Roodeplaat Dam

REQUIREMENTS: MSc degree or relevant qualification in numerical, earth or natural science. Six (6) years post BSc natural scientific experience. Compulsory registration with SACNASP as a professional natural scientist (copy of registration must be attached), with continuous professional development to keep up with new technologies and procedures. A valid driver's license (copy must be attached). The following competencies are essential: planning, organising, conflict and people management, problem solving and change management, scientific, co-ordination and organisational skills; understanding and knowledge of the National Water Act and related legislation; understanding and knowledge of water quality monitoring, data analysis and reporting; Scientific leadership abilities and skills in mentoring Scientists; programme and project management, scientific methodologies and models, scientific presentation, creativity, initiative and well-developed skills in strategic and innovative thinking; Written and verbal communication skills, demonstrated by a publication record and technical report writing; Experience in information systems including applications in Geographical Information Systems (GIS), statistical or modelling environment; Advanced computer literacy with programming skills, for example in C++, Python or R. A post-graduate qualification in Hydro-informatics and supported by experience will be an added advantage.

DUTIES: The incumbent will lead the Sub-directorate: Resources Quality Information, whose primary responsibility is amongst others development and maintenance of information systems for water quality and ecosystem monitoring. He/she will be responsible for the following: provision of water quality information from the national monitoring programmes to all identified clients and stakeholders; working with a multidisciplinary scientific team that develops systems to acquire, store, assess and disseminate water resource information in support of water resource quality assessment; guiding the development of strategies, procedures and guidelines for information systems related to national water quality monitoring and assessment; providing assessment information and knowledge for water quality applications in a GIS environment; provide strategic leadership and direction in aligning projects to organizational strategies, provide support and advice to the industry and stakeholders; develop and maintain relationships/collaborations and review scientific documents. Lead, coordinate and develop scientific methodologies and models and regulatory frameworks by designing scientific methodology for the analysis of scientific data/models, ratify the evaluation, monitoring and dissemination of data, design and development appropriate scientific models to generate information and knowledge, formulate and evaluate proposals and compile reports. Have knowledge on financial management: able to allocate, monitor, and control expenditure according to the allocated budget to ensure efficient cash flow management. People management; staff development, motivation, manage staff key performance areas and monitor and implement Performance Management Development System (PMDS). Governance on risk management. Managing the Directorate's outsourced information technology services; Providing water resources expertise to all stakeholders including the Resource Quality Information Services directorate, the water sector and any other interested parties; Supporting or leading technical reporting and publication of water quality information, via internal reports, publications and the directorate web page; Reviewing internal and external scientific documents and publications.

ENQUIRIES: Ms T Masilela, Tel No: 012 808 9619

APPLICATIONS: Head Office (Pretoria): Please email your applications quoting the relevant reference number to Recruitment@dws.gov.za For Attention: Ms. L Mabile.