



## water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

### DEPARTMENT OF WATER AND SANITATION CLOSING DATE: 22 November 2021

Note: Interested applicants must submit their applications for employment to the e-mail 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 as well as copies of qualifications, identity document and a valid driver's license (where applicable) which need **not** to be certified when applying for a post. Original/certified copies must be produced by only shortlisted candidates during the interview date. All required information on Form Z83 must be provided. Failure to complete or disclose all required information will automatically disqualify the applicant. All documents must be submitted in one email in a PDF format. The attachment/s, may not exceed 5mb) Subject title on the email must clearly display the reference number of the post applied for. Applicants should forward applications to the correct email address of the post as wrong emailed applications will not be considered. No late applications will be accepted. A SAQA evaluation certificate must accompany foreign qualification/s. 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. (Individuals who have completed the course already, and who are therefore in possession of a certificate are welcome to submit such, however it is not required that an applicant submit such when applying for the post prior to the closing date. The link for the completion of the course for the certificate for the pre-entry into SMS can be found on <http://www.thensg.gov.za/training-course/sms-pre-entry-programme/>. 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. 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: GIS TECHNICIAN PRODUCTION GRADE A - C REF NO 221121/14

BRANCH: PROVINCIAL COORDINATION AND INTERNATIONAL COOPERATION: KWA-ZULU NATAL

SALARY: R311 859 – R473 574 per annum (Offer will be based on proven years of experience)

CENTRE: DURBAN

REQUIREMENTS: A National Diploma in GISc, Cartography or relevant qualification. Three (3) years' post-qualification technical (GISc) experience. Compulsory registration with the South African Geomatics Council (SAGC) as GIS (Attach proof). A valid driver's license (Attach a copy). Computer literacy Geographic Information Systems skills. An understanding of GIS standards and projections. An understanding GIS technologies, such as GPS, photogrammetry and remote sensing and principles of cartography. Communication and interpersonal skills. Analytical skills.

DUTIES: Capture, validate and maintain spatial data using a Geographic Information System (GIS); Produce customized maps; Undertake spatial analysis; Develop relational databases and maintain Geo-databases structure in accordance with DWA standards; Enter and regularly revise all metadata in a data catalogue in accordance with DWA standards and ensure that all electronic data is regularly backed-up. Expand and improve the regional database by identifying gaps and sources of additional water sector data in the region. Generate the production of spatial information in map format by performing customized queries on the GIS and related database. Add to electronic data through capturing of data by means of digitizing from paper maps, GPS technology and aerial photo and satellite images when required. Assess digital database to ensure a high level of accuracy of data available at all time. Design and implement a data quality improvement plan. Assess and process the application received from the public requesting Government information thus ensuring the effective implementation of promotion of access to Information Act. Provide GIS support; Co-ordinate data projects and contracts; Conduct relevant research and development; Implement GIS standards. Setting standards and specifications for cadastral data. Support Regional office staff support. Administrative

responsibilities such as maintaining a record of monthly log sheet for GIS task, GIS equipment and stock level of GIS consumables.

ENQUIRIES: Ms LM Matshaya, Tel no: 031 336 2700

APPLICATIONS: Durban: Please forward your applications quoting the reference number to the: Provincial Head: KwaZulu-Natal, Department of Water and Sanitation, Private Bag X54304, Durban, 4000. For Attention: The Manager (Human Resources)