



## water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

### DEPARTMENT OF WATER AND SANITATION

NOTE: 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, faxed applications will be accepted. Correspondence will be limited to shortlisted candidates only. If you have not heard from us within two (2) months of the closing date, please accept that your application was unsuccessful. Preference will be given to previously disadvantaged groups. Successful applicants will be required to undergo standard Government security clearance procedures including verification of qualifications. Should you be in a possession of a foreign qualification(s), it must be accompanied by an evaluation from South African Qualification Authority (SAQA). "All SMS shortlisted candidates will be subjected to a technical exercise that intends to test relevant technical elements of the job, the logistics of which will be communicated by the department. Following the interview and technical exercise, the selection panel will recommend candidates to attend a generic managerial competency assessment (in compliance with the DPSA Directive on the implementation of competency based assessments). The competency assessment will be testing generic managerial competencies using the mandated DPSA SMS competency assessment tools" People with disabilities are encouraged to apply for the posts. People who are not employed by the Public Service Departments are welcomed to apply for posts. The department reserves the right not to make an appointment.

- APPLICATIONS** : Head Office (Pretoria): Please forward your applications quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X350, Pretoria, 0001 or hand deliver to Continental Building, 285 Bosman Street, Corner of Visagie and Bosman Street, Pretoria. For Attention: Ms L Mabole
- CLOSING DATE** : **06 March 2020 TIME: 16:00**
- POST** : SCIENTIST PRODUCTIONGRADE A-CREF NO: 060320/09
- BRANCH** : PLANNING AND INFORMATION SD: RESOURCE QUALITY MONITORING
- SALARY** : R 618 732 – R 939 621 per annum (OSD) (Offer will be based on proven years of experience)
- CENTRE** : Head Office Pretoria
- REQUIREMENTS** : A Science degree (BSc) (Hons) in Botany, Limnology, Aquatic Ecology or relevant qualification. Compulsory registration with SACNASP as a Professional Natural Scientist (Proof of registration must be attached). Three (3) years post qualification natural scientific experience. A valid driver's license (Attach a copy). Knowledge of wetlands and / or riparian ecology; A fundamental understanding of biomonitoring, biotic indices riparian and wetland ecology; The ability to integrate and interpret aquatic ecological water resource quality data and draw scientifically sound conclusions based on fundamental data; Proven ability to communicate scientific information to the public succinctly and clearly, verbally and in writing; Computer literacy and the ability to use MS Word, Excel or equivalent statistical software packages; An understanding of the National Water Act and other related legislation; Knowledge and application of integrated water resource management principles; Ability to integrate with a multidisciplinary group of scientists; Willingness to undertake fieldwork and associated travel on a national scale, usually for extended periods of time.
- DUTIES** : Providing technical support in implementing and evaluating the National Aquatic Ecosystem Monitoring Programme with special reference to wetlands and riparian vegetation; Scientific contribution to a multi-disciplinary scientific team on national monitoring and reporting on the ecological status of water resource in South Africa. Provide scientific input in developing aquatic ecosystem health indices and resource quality objectives. Develop

procedures and protocols for the monitoring of ecosystem health with specific reference to wetlands and riparian vegetation. Support project specific water resource assessments. Evaluate site specific ecosystem health results. Liaise with other government departments, local authorities, the public and other clients on aquatic ecosystem health. Provide scientific and technical support services to the Department of Water and Sanitation.

**ENQUIRIES** : Dr Gerhard Cilliers, Tel No: 012 808 9554