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Our Reference

Your Reference

HYDROLOGIST

GCS has a vacancy for a Hydrologist at our Pretoria office. Below are the details of the position.

REPORTING STRUCTURE	
Reporting to:	Hydrology Manager
External Relationships:	All internal and external clients

ROLE SUMMARY
<ul style="list-style-type: none"> To demonstrate good technical hydrological skills, project management skills and be able to manage small to medium sized project teams, budgets and clients. To proficiently run all aspects of a project within budget, deadlines and exhibit good communication skills.

<p>Data Analysis and Water Calculations</p> <ul style="list-style-type: none"> Accurate analysis of meteorological and hydrological data Hydrological and hydraulic modelling abilities (Pitman and Hec-RAS or similar) Conduct field measurements including water flow and water quality measurements Measure and graph phenomena such as stream flows, and changes in water volumes Design and conduct scientific hydrological investigations to ensure that accurate and appropriate information is available for use in water resource management decisions. Hydrological catchment delineation Hydrological calculations, including rainfall-runoff and peak flows Undertake flood line calculations Water & Salt balances Storm Water Management Planning Risk and mitigation assessments and management plans Conceptual design and sizing of plans and structures Auditing water structures in terms of DWS guidelines Be aware of current trends and issue in hydrology, such as relevant political changes, wetland controversies and climatic changes Be able to interact with water structure design engineers
<p>Marketing</p> <ul style="list-style-type: none"> Generate work by identifying and writing effective proposals Compile and submit tenders Business development of new work within existing clients Business development of work from new clients Present papers at industry conferences to show-case GCS expertise Attend relevant forums and conferences for self-development and networking purposes

QUALIFICATIONS/ KNOWLEDGE, SKILLS AND EXPERIENCE	
Qualifications	BSc Degree (+ MSc in Hydrology or similar optional) Membership of professional industry bodies (Pr.Sci.Nat)
Knowledge/ Skills	Good knowledge of the hydrological science Knowledge of environmental legislation and the National Water Act Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications Consider the relative costs and benefits of potential actions to choose the most appropriate one Good knowledge of the mining environment Good communication skills Soils knowledge Agricultural knowledge
Experience	5 to 8 years within Hydrological environment

PERSONAL ATTRIBUTES
Team player Self-driven Confident Focussed Accurate Hard working Handle pressure

Remuneration:

Total Cost to Company Package will be negotiated according to the candidate's knowledge and experience.

Candidates that meet the above requirements should send their CVs to careers@gcs-sa.biz . Should you not receive any communication by 28th June 2019, please consider your application unsuccessful.