



## **VACANCIES AT THE WATER RESOURCES AUTHORITY (WRA)**

The Water Resources Authority invites applications (Cover Letter and Curriculum Vitae) from suitably qualified candidates to fill the following **vacant position**:

**FULL-TIME**

### **GIS Technician – Level 5, Information Communication Technology Branch**

**Salary Range:        \$2,478,125 - \$3,332,803 per annum**

#### **Job Purpose**

The position of GIS Technician is to update and maintain the Water Resources Authority's databases, assist with map deliverables to internal and external stakeholders, and ensure the integrity of all data collected.

#### **Key Responsibilities**

- Assist with the procurement of GIS goods and services
- Assist with maintaining GIS databases and collate the geographical data needed to support the assessment of water resources at the sub-WMU level of detail.
- Update the WRA geospatial metadata publications for circulation to WRA clients with specifications for the GIS component in the development of the water resources management information system.
- Assist with maintenance of GIS and GPS equipment.
- Assist with maintaining the database which stores geographical data needed to support the water resources allocation process.
- Assist with maintaining the database which stores geographical data needed to support the floodplain management process.
- Assist with maintaining the database which stores geographical data needed to support water quality management.
- Ensure that the spatial data collection process is in keeping with established GIS standards
- Assist with maintaining the database and geographical data needed to support the floodplain management process.
- Respond to requests for GIS data from external stakeholders.
- Liaise with external agencies regarding the provision, acquisition, and processing of GIS data.
- Assist with design, sketch, and edits of maps and drawings by digitizing base-maps using GIS software and GIS based information to update and create maps.
- Assist the GIS Specialist with training for Technical Employees in the use of GIS end-user software, GIS data, and GPS data collection.
- Represent the organization at workshops, meetings, and seminars.

#### **Required Knowledge, Skills and Competencies**

- Effective oral and written communication skills
- Methodical
- Analytical Thinking
- Customer Quality and Focus
- Compliance
- Database Design and Modelling
- Managing Client Interface

- Teamwork and Collaboration
- Initiative
- Goal and Service Oriented
- Business Conduct & Ethics
- Good problem-solving and decision-making skills
- Knowledge of GIS software
- Working knowledge of ArcGIS Desktop and ArcGIS Pro
- Working knowledge of open-source GIS software
- Training in GIS is an asset
- Proficiency in the use of Microsoft Office Suite

**Minimum Required Qualification and Experience:**

- B.Sc. Geographic Information System (GIS)
- Knowledge of GIS Systems & Software, Remote sensing, Logical data modelling and relational databases.
- Three (3) years' experience in GIS field
- One (1) year experience using CAD and open-source GIS software

**Special Conditions Associated with the Job:**

- May be required to conduct field visits.
- May be required to work outside of normal working hours

**Application Letter with Resume must be submitted to no later than Friday, July 21, 2023 to:**

**Director, Human Resources Management and Administration  
Water Resources Authority,  
Hope Gardens, P.O. Box 91, Kingston 7  
Email: [hrm@wra.gov.jm](mailto:hrm@wra.gov.jm). Please indicate the post you are applying for in the subject line.**

***We appreciate your interest in the position, however only shortlisted candidates will be contacted.***