



Job Opportunity:

GEOGRAPHIC INFORMATION SYSTEM (GIS) SPECIALIST

CDEMA Coordinating Unit

Competition Reference No.	CDEMA-CU/ADMIN28
Application Deadline	October 31, 2024
Location	Bridgetown, Barbados
Organization	Caribbean Disaster Emergency Management Agency

The CDEMA Coordinating Unit (CU) is inviting applications for the position of **Geographic Information System (GIS) Specialist** to lead the production and delivery of GIS products and services.

Open To:

Applications for this post are open to employees of the CDEMA CU and all citizens and permanent residents of CARICOM countries.

Compensation:

The compensation will be based on the individual's qualifications and experience.

Merit Criteria:

1.0 QUALIFICATIONS AND EXPERIENCE

- 1.1 Advanced Degree in Geographic Information Systems (GIS), Information Management, Geography or related field and a minimum of three (3) years' experience in a GIS focused role or
- 1.2 A Bachelor's degree in Geographic Information Systems (GIS), Information Management, Geography or related field and a minimum of five (5) years' experience in a GIS focused role
- 1.3 Certification in Geographic Information Systems is desirable.
- 1.4 Experience in the development and maintenance of Geographic Information Systems.
- 1.5 Experience working in a geospatial focused role within a humanitarian, disaster or emergency response agency is considered an asset.

2.0 SKILLS, KNOWLEDGE AND ABILITIES

- 2.1 Knowledge of the use of information management in humanitarian response.
- 2.2 Ability to analyze and articulate the information management requirements of complex situations requiring a coordinated response
- 2.3 Knowledge of current Desktop GIS software, desirable:
 - 2.3.1 QGIS Desktop 2.14 and newer
 - 2.3.2 ArcGIS Desktop 10.4 and newer with knowledge of basic, standard and advanced tools as well as extensions; particularly, Spatial Analyst, 3D Analyst and data interoperability tools compatible with ESRI software and formats. Knowledge of ArcGIS Pro Desktop is an asset.
- 2.4 Demonstrated experience using ArcGIS model builder or another workflow diagramming, or UML, tool (such as SAFE FME) to automate and document GIS workflows.
- 2.5 Proficiency in Adobe Illustrator or another vector graphic design tool (Inkscape or Corel Draw) for the production of high-quality cartographic products is desired.
- 2.6 Proficiency with vector and raster map tile design and generation using software such as Mapnik or Mapbox Studio is an asset.
- 2.7 Demonstrable knowledge of metadata standards such as FGDC, Imagine and ISO 19115 and metadata readers/catalogs implementing these standards.
- 2.8 Proficiency with a Remote Sensing software package such as; ERDAS Imagine, ENVI, PCI Geomatica, or Orfeo Toolbox is an asset.
- 2.9 Experience with the use of map servers such as ArcGIS Server, QGIS Server, Geoserver, Mapserver or another vector/raster tile server is an asset.
- 2.10 Familiarity with a programming language, such as Python or Javascript, is an asset.
- 2.11 Knowledge of civic addressing systems and geo-coding of addresses is an asset
- 2.12 Ability to communicate effectively with persons at all levels
- 2.13 Excellent planning and organizational skills
- 2.14 Critical thinking and problem-solving skills
- 2.15 Ability to manage multiple priorities in a fast-paced environment
- 2.16 Flexibility and adaptability



- 2.17 Demonstrated team leadership
- 2.18 Proposal writing, report writing, data acquisition and analysis skills
- 2.19 Excellent interpersonal and communication skills
- 2.20 Excellent negotiation, diplomacy and advocacy skills
- 2.21 Appreciation of workplace diversity

Information Notes:

1. Candidates must clearly demonstrate in writing that they have met all the criteria. Failure to do so may result in your application not receiving further consideration.
2. Send applications, including Resume, three (3) testimonials and copies of certificates via email to hr@cdema.org quote selection process number: **CDEMA-CU/ADMIN28**.
3. Acknowledgement of receipt of applications will not be sent. CDEMA would like to thank all candidates who apply, as only those selected for an interview will be contacted.