

# CARIBBEAN INSTITUTE FOR METEOROLOGY AND HYDROLOGY

## VACANCY NOTICE

### TECHNICAL OFFICER I - APPLIED METEOROLOGY

Applicants are invited from suitably qualified nationals of CARICOM Member States for the post of Technical Officer I – Applied Meteorology at the Caribbean Institute for Meteorology and Hydrology (CIMH), Husbands, St. James, Barbados.

### TERMS OF REFERENCE

#### Introduction

The CIMH is an Institution of the Caribbean Community (CARICOM) and the technical Organ of the Caribbean Meteorological Organization (CMO). The mandate of the CIMH is *“to assist in improving and developing the Meteorological and Hydrological Services as well as providing the awareness of the benefits of Meteorology and Hydrology for the economic well-being of the CIMH member states. This is achieved through training, research, investigations, and the provision of related specialized services and advice”*.

To achieve its mandate, the CIMH in 1973 established an affiliation with the University of the West Indies in which its primary responsibility is the delivery of the B.Sc. programme in Meteorology in the Faculty of Pure and Applied Sciences. The CIMH is recognized regionally and globally as:

- The World Meteorological Organization (WMO) Regional Training Centre for the Caribbean;
- A centre for applied research and development in meteorology, hydrology/water resources, climatology and related areas including disaster risk reduction and impacts forecasting;
- The WMO Regional Instrument Centre for the Caribbean;
- A WMO Centre of Excellence for Training in Satellite Meteorology;
- The WMO Regional Climate Centre (RCC) for the Caribbean;
- The Caribbean Centre for Climate and Environmental Simulations;
- The Climate Data Archive for CMO Member States;
- The Pan American Centre for the WMO Sand and Dust Storm Warning Advisory and Assessment System (SDS-WAS).

The CIMH has strong collaborations with other Regional Institutions, national organizations in CMO Member States and the international community.

## **Training**

In addition to the BSc programme in Meteorology which the CIMH delivers to students at the UWI, the CIMH conducts vocational training programmes annually on its campus geared at developing technical specialists for National Meteorological and Hydrological Services (NMHS) in CMO Member States. These courses, which are defined in WMO No. 1083 “Manual on the Implementation of Education and Training Standards in Meteorology and Hydrology”, include: (i) the Entry-, Mid- and Senior-Level Meteorological Technician courses and (ii) the Higher Technicians and Diploma in Hydrology courses.

The physics and mathematical skills required by students to successfully complete the vocational courses offered by the CIMH are delivered by its staff.

## **Regional Climate Centre (RCC)**

The CIMH was designated a WMO RCC for the Caribbean in May 2017. RCCs are centres of excellence that create regional products that support regional and national climate activities (particularly those of National Meteorological and Hydrological Services), and strengthens the delivery of climate services to users in national climate sensitive sectors. Climate services refer to the production, translation, transfer, and use of climate knowledge and information in climate-informed decision making and climate-smart policy and planning. The CIMH currently leads the Caribbean climate services programme, targeting six climate sensitive sectors to provide such support – agriculture and food security, water, health, energy, tourism and disaster risk reduction. Research is also a critical aspect of the work of the RCC in both the physical and social sciences aspects of climate services. The Applied Meteorology and Climatology Section at CIMH forms the core of the RCC that houses climatologists, meteorologists, climate database and data quality managers, and weather observers.

## **Requirements**

The Caribbean Institute for Meteorology and Hydrology (CIMH) is seeking an individual to join its staff to support the programme of the Regional Climate Centre. The candidate will be expected to join an enthusiastic group of professionals delivering climate information and services, while supporting the larger mandate of the CIMH.

The successful candidate must:

- Assist in the development and publishing of routine climate information products;
- Support research and development activities and external projects and programmes at the CIMH, in particular those of the RCC;
- Provide support for CIMH’s outreach programmes and meetings
- When necessary, assist in the teaching of CIMH professional training courses;
- Work with persons from a range of backgrounds including race and culture;

## Scope of Work

- Supporting the development of routine climate products, including long-range seasonal forecasting and monitoring products (related to temperature, rainfall, drought excessive wetness, heat and dry spells and any other product subsequently developed) using downscaling tools;
- Providing assistance to the RCC Head, climatologist and social scientist in delivery and application of research that support weather and climate services;
- Support the implementation of the RCC's, and the wider CIMH's projects and programmes
- When called upon, being prepared to assist in the teaching at the entry and mid-level technicians courses in areas such as general meteorology, mathematics or physics;
- Participate in outreach programmes including summer schools, career fairs and tours of CIMH facilities;

## Qualifications

The successful candidate should have a minimum of a BSc Degree in Climatology or Meteorology. Training or experience in at least one of the areas of Applied Meteorology or climate product development (for example seasonal climate forecasts or climate monitoring products) would be an asset.

The successful candidate should have at least 2 years' experience in a meteorology or climate environment, preferably in the Caribbean. Experience in teaching would be a further asset.

## Required Skills

- Excellent written and verbal communication skills;
- High degree of literacy;
- Aptitude for developing and implementing innovative and creative solutions to problems;
- Above average levels of cultural and social IQ.

The successful candidate will be required to commence work on June 01, 2018 or soon thereafter. The closing date for applications is April 30, 2018. Letters from three referees should be sent directly to the Principal and received on or before the closing date for applications.

An attractive compensation benefit package including a non-contributory medical plan and pension will be offered. The salary scale for the position is BBD 5,199 x 166 – BBD 5,863 x 178 – BBD 6397. Applications accompanied with curriculum vitae should be addressed to:

The Principal  
Caribbean Institute for Meteorology and Hydrology  
Husbands  
St. James BB 23006  
Barbados

Tel: 246 425 1362/63

E-mail: [hrdept@cimh.edu.bb](mailto:hrdept@cimh.edu.bb)