

CARIBBEAN INSTITUTE FOR METEOROLOGY AND HYDROLOGY



VACANCY NOTICE

TECHNICAL OFFICER I (INSTRUMENTS)

Deadline for submission of applications is 22nd June, 2022 at 11:59 PM AST

The Caribbean Institute for Meteorology and Hydrology (CIMH) is seeking to recruit a 'Technical Officer I' who will be assigned to the Instruments Section. The successful candidate will be based at CIMH's office located in Husbands, St. James, Barbados.

ABOUT THE CIMH

The CIMH is an Institution of the Caribbean Community (CARICOM) and the technical Organ of the Caribbean Meteorological Organization (CMO) that is managed by a Board of Governors comprised of representatives from the sixteen (16) CMO Member States¹.

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 Member States of the CMO. This is achieved through training, research, investigations, and the provision of related specialized services and advice".

In achieving 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;

¹ These include: Anguilla, Antigua and Barbuda, Barbados, Belize, British Virgin Islands, Cayman Islands, Dominica, Grenada, Guyana, Jamaica, Montserrat, St. Kitts and Nevis, Saint Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, and the Turks and Caicos Islands.

- 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);
- Caribbean Regional Marine Forecast Support Centre;
- Advisor to governments of Member States.

SCOPE OF WORK

The ‘Technical Officer I’ will report directly to the Chief Technical Officer. The incumbent will be required to enhance CIMH’s capabilities in training as well as research and development for the Caribbean region through providing reliable and accurate technical solutions and advice, using innovative and up-to-date technologies and designs. The ability to manage activities under projects and contribute to business development opportunities is desirable.

KEY RESPONSIBILITIES

1. Deliver and participate in instrument training programmes;
2. Source, install, calibrate and service field and laboratory equipment on behalf of CIMH and its affiliates;
3. Fabricate electronic and mechanical devices;
4. Participate in CIMH field activities;
5. Author research and development proposals; and
6. Represent CIMH at local, regional, and international meetings.

QUALIFICATIONS, EXPERIENCE AND OTHER REQUIREMENTS

1. An undergraduate Degree in Electrical Engineering or Electronics;
2. A minimum of two (2) years’ experience in the development and maintenance of electronic instruments; experience and working knowledge of basic troubleshooting and diagnosing issues with electronics and electrical components, and common programming languages (e.g., Python Programming Language; C, C++); experience in the delivery of training in areas of electronics and general science. In the absence of any relevant experience, on-the-job training will be provided.
3. Consideration may be given to persons with an undergraduate Degree in Meteorology or Hydrology and/or related fields and a strong background in electronics;
4. A valid passport or be eligible to acquire a passport from their national government;
5. A valid driver’s license and be able to provide their driving history for insurance purposes if requested;
6. A valid Police Certificate of Character from jurisdictions where one previously resided.

KEY COMPETENCY REQUIREMENTS

Given the regional and interdisciplinary nature of CIMH's work, the successful candidate should possess:

1. Strong cultural and social intelligence quotient (IQ);
2. Excellent written and oral communication skills;
3. Strong analytical, quantitative, and problem-solving skills;
4. Strong motivation to work in a dynamic, diverse, multi-ethnic, high-performance team;
5. The ability to work independently (with limited supervision) when required, take initiative and be proactive;
6. The ability to be creative and innovative; making recommendations for new or alternate tools, equipment and procedures is highly encouraged;
7. A willingness to travel throughout the Caribbean and worldwide on short notice.

PHYSICAL DEMANDS

The position may require the physical strength and agility to occasionally climb ladders and meteorological towers while moving or carrying equipment and tools weighing up to 120 pounds with assistance.

DURATION & EXPECTED START DATE

The initial duration of the appointment is two (2) years; any extension beyond this period will be dependent on performance and mutual agreement. The preferred start date is 25th July, 2022 or as soon as possible thereafter.

APPLICATION SUBMISSION REQUIREMENTS

Interested and qualified candidates should submit an application letter accompanied with a Curriculum Vitae **and** letters from two (2) professional references **via email** to hrdept@cimh.edu.bb on or before **22nd June, 2022 at 11:59 PM AST**. The subject of the email should read "**Technical Officer I (Instruments)**" and be addressed to:

The Principal
Caribbean Institute for Meteorology and Hydrology
Husbands, St. James BB23006
BARBADOS

NB: Only satisfactory applications will be acknowledged; preference will be given to nationals of CMO Member States. If selected for an interview, evidence (a copy) of any educational and professional qualifications will be required to support the application. All appointments will be subject to satisfactory background checks and references.