

CARIBBEAN INSTITUTE FOR METEOROLOGY AND HYDROLOGY



TERMS OF REFERENCE

TECHNICAL OFFICER I

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).
- A Regional Marine Forecasting Centre

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

Requirements

The 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 broader 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 the CIMH's outreach programmes and events;
- When necessary, assist in the teaching of CIMH professional training courses;
- Work with persons from diverse backgrounds including ethnic, social and cultural settings.

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 the delivery and application of research that supports weather and climate services;
- Support the implementation of the RCC's, and the wider CIMH's projects and programmes, including the Sectoral EWISACTs¹ Consortium;
- When called upon, being prepared to assist with teaching the entry and mid-level technicians courses in areas such as general meteorology, mathematics or physics; and
- Participate in outreach programmes including summer schools, career fairs and tours of CIMH facilities.

Qualifications and Experience

The ideal candidate will hold at minimum a B.Sc. in Applied Meteorology. Candidates with a BSc in Climatology or Meteorology will also be considered, provided they can demonstrate training and/or practical experience in at least one area of Applied Meteorology (e.g. agriculture, water, health, or energy) or in climate product development, including, but not limited to, seasonal climate forecasting or climate monitoring products.

The successful candidate should have a minimum of three (3) years of professional experience in a meteorological or climate-focused environment, preferably in the Caribbean. Experience in teaching would be a further asset.

Required Skills

- Excellent written and oral communication skills;
- Ability to articulate meteorology, climate, and environment information;
- High degree of data management and analytical skills;
- Aptitude for developing and implementing innovative and creative solutions to problems;
- Ability to work independently;
- Proficiency in relevant computer applications; and
- Ability to work within multidisciplinary teams.

The closing date for applications is **30 June 2026**. Applications accompanied with curriculum vitae should be sent to:

THE PRINCIPAL

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

Or via e-mail to hrdept@cimh.edu.bb with **RCC Technical Officer I** in the subject line.

¹ Early Warning Information Systems Across Climate Timescales