



VACANCY ANNOUNCEMENT

WISER Phase 2 Support to the IGAD Climate Prediction and Applications Centre (ICPAC) Project (W2SIP)

Terms of Reference

POSITION: Climate Forecasting and Downscaling Assistant

1. Background

The IGAD Climate Prediction and Applications Centre (ICPAC) is a specialized institution of the Intergovernmental Authority on Development (IGAD) with responsibility for the provision of timely early warning information and supporting specific sector applications to enable the Greater Horn of Africa (GHA) cope with various risks associated with extreme climate variability and change for poverty alleviation, environment management, and sustainable development of Member States. In the light of recent severe drought (2010/11 and 2016/17) as well as flood episodes (October - December 2015) in the region and the associated devastating impacts on socio-economic systems, lives and livelihoods, there is heightened need to strengthen the capacity of **ICPAC** as a regional hub for coordination and supporting national climate monitoring and as a provider of regional predictions on ten day, monthly and seasonal timescales as well as climate change projections for adaptation. In this regard, the WISER Phase 2 Support to ICPAC Project (W2SIP), a major project within Phase 2 of UK's Department for International Development (DfID), aims to strengthen the capacity of ICPAC to deliver wide-reaching, usable, new, improved weather and climate products and services anchored on principles of coproduction and user engagement that cascade down to national and sub-national levels and regional user stakeholders. W2SIP is a consortium of international partners led by ICPAC. It contributes to enhancing the resilience of poor people and of economic development to weather and climate related shocks. The **W2-SIP** project has four outputs. **Output 1:** Improved data access and production systems through partnership development with NMHS's, Global Producing Centers (GPCs) and academic institutions. **Output 2:** Improved co-production processes integrated into ICPAC operational activities to develop user-relevant products and services. **Output 3:** Improved access and uptake of co-produced weather/climate services for decision making at regional and national levels. **Output 4:** A roadmap to sustain and fund future advancement of the project's achievements.

To support this project, ICPAC is seeking one candidate for Climate Forecasting and Downscaling Assistant to support its climate diagnostic, modelling and prediction team. The candidate is expected to have knowledge of weather and climate forecasting and analysis.

2. Objectives

The main desired impact of the W2-SIP project is to enhance community resilience and prosperity of ICPAC Member States by fostering climate services and knowledge. The project contributes to the desired impact by achieving its stated outcome of increased use of co-produced reliable weather and climate services to inform regional and national policy and decision making. The project outputs will increase the number of people in user and producer organizations trained in development, co-production and use of climate services and number of regional and national organizations with new and improved data/services access, new and upgraded technology, new and improved co-produced products and services and reporting on uptake of co-produced weather and climate services.

The project activities will strengthen the capacity of ICPAC and 11 National Meteorological and Hydrological Services (NMHSs) in the Greater Horn of Africa (GHA) to deliver value added and coproduced climate services at various time scales. Through a multi-stakeholder co-production approach, climate products will be transformed into decision ready information and advice for key sectors, targeted to reach the most vulnerable and marginalised groups and communicated through a range of channels determined with regional users. ICPAC's capacity to be a knowledge and learning hub on user centred co-production and knowledge brokering in climate services will be strengthened. ICPAC staff will gain increased skills in co-production approaches including facilitation skills for co-producing climate services with users and providing learning platforms and training to NMHS on user centred co-production approaches as well as integration of GHACOFs to ensure consensus forecasts are responsive to user requirements.

3. Duties and Responsibilities

The Duties and Responsibilities of the Climate Forecasting and Downscaling Assistant include:

- a) Provide timely statistical and dynamical downscaled dekadal and monthly forecasts
- b) Regularly monitor and analyse the weather and climate of the GHA
- c) Monitor and forecast severe weather systems that affect the GHA and generate relevant updates/alerts
- d) Assess and document the skill of the forecast products generated in order to inform requirements for improvement
- e) Improve the production and packaging of climate information to meet the users' needs
- f) Support the GHACOF process towards generation of consensus regional forecast
- g) Maintain and update the IGAD Regional Climate Center (RCC) long-range forecasting web-portal
- h) Provide support in various climate modeling trainings conducted by ICPAC, or as may be required, in order to build the capacity of the Member States NMHSs
- i) Work in collaboration with CARE International and UK Met Office to achieve the project objectives
- j) Prepare monthly reports and assist the Project Program Manager in the daily operation of the project and in monthly and quarterly reports to the WISER Fund Management
- k) Perform other duties as may be assigned by the Director of ICPAC.

4. Functional Responsibility

The Climate Forecasting and Downscaling Assistant will report to the Project Program Manager. He/She must demonstrate a strong willingness and capacity to learn new techniques and take directions from supervisors on technical matters.

5. Minimum Qualifications

- a) MSc degree in meteorology or related discipline
- b) A minimum of one year work experience in weather and climate forecasting
- c) Ability and willingness to learn and build effective working relationships with colleagues
- d) High level of personal and professional integrity with strong analytical skills and ability to function well in a multi-cultural environment,
- e) Strong communication skill with ability to prepare, present and discuss weather and climate information in written and oral form,
- f) Demonstrated skill in computer applications. Experience in the use of graphical and statistical software programs is preferred, and
- g) Fit and willing to travel throughout the GHA following DFID's rules and regulations.

6. Language Skills

Proficiency in English Language is required, and French language skill is an asset

7. Duration

The duration of the assignment will be 9 months with a possibility of renewal depending on performance and availability of funds.

8. Remuneration

A gross monthly salary of British Pound one thousand eight hundred seventy (£1870) without any other benefits.

9. Work Station

IGAD Climate Prediction and Applications Centre (ICPAC)
Kenya Meteorological Department Compound
Ngong Road, Dagoretti Corner
Nairobi, Kenya
P.O. Box 10304 GPO 100 Nairobi, Tel (+254) 20-3514426,
Email: director@icpac.net

10. How to apply

Send the following

1. Application Letter,
2. Detailed Curriculum Vitae,
3. Scanned Copies of academic and work experience evidences

to the address above or by e-mail to the following address: ahusseini@icpac.net with copy to jkubo@icpac.net and zsegele@icpac.net not later than Friday 8th February 2019 by 5:00 p.m.