

## SHORT TERM INTERNSHIP POSITIONS AT ACMAD ON CLIMATE CHANGE AND SERVICES

### A. Background

African countries are vulnerable to the consequences of climate change. These consequences include, among others, desertification, food insecurity, burden of increasing incidence of diseases, increasing frequency and intensity of droughts, floods, hot days and landslides, water stress and scarcity, etc. to mention a few. Continentally, these adverse impacts are major challenges to socio-economic developments. Therefore, enabling access to climate information and providing user-friendly climate services will help decision makers at all levels, including forecast users, in a wide range of socio-economic sectors (e.g. agriculture and food security, disaster risk reduction, sustainable water and health, etc.) to develop and implement climate change adaptation strategies to curb the negativities that are accompanying climate change; thereby saving lives and improving livelihoods.

In view of the above, science-based climate information is therefore critical for African countries to increase their resilience for adapting to climate change by addressing timely climate risks. Though, the use of climate information and forecasts is growing rapidly in the continent, however, many countries in Africa still lack the infrastructural, technical, human and institutional capacities to provide high quality climate services.

The GFCS Intra ACP Climate Services and related Application (ClimSA), and other emerging UN/WMO-funded projects are contributing to better weather, water and climate services in Africa. These projects are supporting sustainable development by combating climate change through strengthening weather, water and climate service value chains. To strengthen service value chain, these projects will provide **technical assistance, financial assistance, infrastructure and capacity building**.

ACMAD's role, in line with the projects' missions, is to build capacity of national and regional centers to provide weather, water and climate services meeting regional and country needs, supports the African Union and Regional Economic Communities as major players in climate, disaster and sustainable development policy dialogue through weather, water and climate information and statements for policy making. Furthermore, ACMAD's mission is to provide continental weather and climate watch information and act as the center of excellence on the applications of meteorology for sustainable development in Africa.

ACMAD is now recruiting short term interns to support implementation of these projects.

### B. Duties and Responsibilities

Under the supervisions of the Senior Forecaster and the Thematic Expert in Climate Change, the intern will be responsible for rescuing, managing exchanging weather and climate data, preparing and delivering climate monitoring/forecasting products and services.

The Intern will perform the following duties:

- Digitalize vigilance and outlook products
- Prepare object forecast verification
- Support weather / climate monitoring and forecasting
- Carry out other relevant duties as required.

### C. Educational Qualification

Master degree or equivalent in meteorology, climatology or closely related atmospheric science fields. Be enrolled in PhD programme will be an advantage.

### D. Experience and other requirements

At least 5 years of experience as a meteorologist or climatologist that have worked in the areas of climate monitoring, forecasting and/or assessment. The would-be intern should have worked on data collection, management and exchange or production of weather and/or climate diagnostics, analysis, forecasting reports and climate watches. Good knowledge of global and regional data and/or meteorological centers, weather and climate monitoring and prediction tools and web-based products. Statistical packages like R, python, Grads, ferret, GIS tools as well as knowledge of a programming or scripting languages for climate analysis would be an advantage. Good communication skills and ability to work at the interface of climate products and users would be an advantage.

### E. Languages

Excellent knowledge of English or French and a knowledge of the other language.

### F. Nature of appointments:

- **Allowance**

A monthly subsistence allowance of 500 USD will be paid to the intern and an accommodation at ACMAD hostel;

- **Date of duty:** April 1, 2022 or as soon as possible thereafter;

- **Duration:** Four months, renewable;

- **How to Apply**

Interested candidates who meet the above criteria should submit:

- An application letter;
- An updated CV with copies of degrees and certificates;
- Contacts of three referees;
- A brief methodology of one or two pages which describes how the applicant intends to address the assignment.

Women are explicitly encouraged to apply.

- **Deadline for Applications:** February 25, 2022

Review of applications will start immediately after, vacancy can be extended until a suitable candidate is found.

- **Applications can be addressed :**

- To the secretariat of ACMAD at: ACMAD, 55 Avenue des Ministères, PL 6, BP 13184, 1er Arrondissement, Niamey-Plateau, Niger

- By email to: [grh@acmad.org](mailto:grh@acmad.org) - [dgacmad@acmad.org](mailto:dgacmad@acmad.org) - [adkgilles@yahoo.com](mailto:adkgilles@yahoo.com)