



VACANCY

**CENTRE AFRICAIN POUR LES APPLICATIONS
DE LA METEOROLOGIE AU DEVELOPPEMENT**

**AFRICAN CENTRE OF METEOROLOGICAL
APPLICATIONS FOR DEVELOPMENT**

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A. Background

The Full value Chain Optimized Climate User Centric Services for Southern Africa. (FOCUS Africa) project develops tailored climate services to address adverse impacts of climate change and build resilience to extreme event in agriculture and food security, energy, water and infrastructure sectors. These services will be available through pilot demonstrations with eight case studies in six countries for a wide range of users

This project will contribute to providing high quality climate services by improving infrastructure, technical and human capacities in the region.

While the use of climate information and forecasts is growing rapidly worldwide, many countries in Africa still lack the infrastructural, technical, human and institutional capacities to provide high quality climate services.

The project is in line with ACMAD's mission to provide continental weather and climate watch information and act as the centre for excellence on the applications of meteorology for sustainable development in Africa.

The project contributes to building resilient prosperity and peace shared by the African Union agenda 2063 and the European Consensus on Development through climate resilient agriculture, disaster risk management, health, resilient economies, and society.

The project will also support the research and capacity building pillars of the AMCOMET integrated African strategy on meteorology.

The project is funded through Horizon 2020 research and innovation programme of the European Union. Its objectives include:

- Advancing how climate information (historical observation to seasonal forecasts, climate projection and decadal forecasts) is processed and used in decisions and policies;
- Characterize user requirements with regular engagement of stakeholders and ensure lessons learned are upscaled elsewhere in Africa and the world;
- Contributing to advance scientific knowledge through innovative research to improve climate information use by better identifying and characterizing extremes for historical period and calibrated multimodel approaches to climate prediction and projection.

ACMAD in collaboration with National Meteorological and Hydrological Services is recruiting three experts to support the project with emphasis on pilot demonstrations in three countries namely Tanzania, Botswana and Mauritius

B. Vacancy

1. EXPERT ON CLIMATE SERVICES DEVELOPMENT IN MAURITIUS

☎ : (227) 20 72 36 27 -- Fax : (227) 20 72 36 27 -- ✉ : dgacmad@acmad.org <http://www.acmad.net/new/newsiteacmad>

Duties and Responsibilities

Under the supervision of the FOCUS Africa Lead at ACMAD and the country FOCUS Africa focal person at Mauritius Meteorological Services, the expert will be responsible for stakeholder

engagement and outreach, co-production, socio economic value assessment of services and their exploitation preparation.

She/he will perform the following duties:

- Collaborate with Mauritius Meteorological Services (MMS) to organize workshops and events at national and regional levels
- Support communication material development in partnership with MMS
- Engage with Mauritius water authority to gather information for case study 8
- Downscale forecasts, support validation, develop drought indices for case study 8
- Develop drought indices from model outputs with thresholds for triggering wet or drought conditions
- Collect products for water resource managers for Mauritius water security study
- Support co-design; co-development and testing for case study 8
- Contribute to service prototype co-design and co-development for case studies with TMA
- Engage end users in processes, methods, and tools definition to evaluate socio-economic impact of the developed climate services
- Organize interviews of users to facilitate ex-ante and ex-post analysis of socio-economic value of climate services of case study 8 in Mauritius
- Support business model design and climate services exploitation strategies as well as feedbacks collection and analysis in collaboration with user who are not project partners
- Liaise with other FOCUS Africa partners
- Assist in planning, organizing and servicing training workshops and other events.
- Carry out other relevant duties as required

The expert will provide and or support the following deliverables:

- Reports on stakeholder and in particular user and end user feedbacks
- Meetings reports with CSIR, MMS, MRU
- Interview or survey questionnaire with list of stakeholder interviews conducted
- Case study 8 design report
- Service definition, co-design, development and testing plans and progress report for case studies
- Report on the review process and outcome for developed predictions with MO, JRC and BSC
- Report on the review process and outcome of forecasting methods and sharing of observations on onset and cessation of the rainy season in Mauritius
- List of workshops organized, and communication materials developed
- Reports of workshops and other events organized

Qualification

Education

Master degree or equivalent in meteorology, climatology or a closely related scientific field. A PhD would be preferable.

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Experience

At least 5 years of progressively responsible experience as climate scientist or climatologist. At least three years of international work in climate services development and/or delivery.

Other requirements

Experience in assisting for planning international meetings would be an advantage. Proven ability to draft and review documents. Good communication skills and ability to work at the interface of climate products and users. Record of publications of reports, bulletins, statements targeting users in sectors targeted by the project.

Languages

Excellent knowledge of English is essential.

Salary

Salaries or allowance up to Euros 2000 per month depending on skills and former experience of the candidate. Two part time experts might be considered depending on their specific competencies. Per diems will be allocated in case of international travel and equipment (i.e laptop) provided to support the activities.

Duration: up to 20 months from January 2022 to August 2024

Date of duty: January 05, 2022 or as soon as possible thereafter

Nature of appointment: One year with possibility of renewal for additional months up to three

How to apply

Interested candidates who meet the above criteria should submit:

- An application letter
- An updated CV, degrees and certificates
- Contacts of three referees or support letter of Permanent Representative of the country with WMO
- A brief methodology of one or two pages which describes how the applicant intends to address the assignment

Women are explicitly encouraged to apply.

Dateline for Applications: December 24, 2021

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

The application can be addressed to:

- ACMAD, 55 Avenue des Ministères, PL 6, BP 13184, 1^{er} Arrondissement, à Niamey-Plateau, Niger
- dgacmad@acmad.org, lambert@acmad.org; grh@acmad.org,