SAWIDRA

Satellite and Weather Information for Disaster Resilience in Africa

ClimDev-Africa

ACMAD

This project is funded by
The European Union and

A project led & implemented by the
African Center of Meteorological
Applications for Development

Position: Numerical Weather Modelling Expert.

Duties and Responsibilities

Under the immediate supervision of the ACMAD Continental component of the Satellite and Weather Information for Disaster Resilience in Africa (SAWIDRA) Project Manager, the Chief of Forecasting unit and the overall supervision of the Director General of ACMAD, he/she is responsible for the component on "Development of Numerical Weather Prediction Capabilities at ACMAD" and the Monitoring of Scientists in the process of elaboration of Numerical Weather Prediction products. In line with the above, the incumbent will:

- Ensure the use of High Performance computing systems at ACMAD
- Ensure the use of a High-resolution numerical weather prediction model on Africa domain.
- Ensure the validation, the deployment of numerical weather Prediction products elaborated at ACMAD for the use by regional centres.
- Ensure technology transfer in the area of Numerical Weather Prediction, mainly assimilation of in-situ and satellite data;
- Contribute to research activities in the field of Numerical Weather Prediction in Africa.
- Prepare technical document for the use of ACMAD's Numerical Weather Prediction Products dedicated to regional centres
- Assist the chief of Weather prediction department in the monitoring of trainees under Numerical Weather Prediction, training in meteorological applications and capacity strengthening programme
- Contribute to the evaluation of Numerical Weather Prediction products.
- Contribute to preparation and organisation of training workshops in the area of Numerical Weather Prediction;
- Perform any duty that maybe assigned to him or her in line with the activities and operations of ACMAD

Qualifications

- A Minimum working experience of 05 years in the use of Numerical Weather Prediction Models is required;
- A proven competency in the use of HPC in an operational setting in a national, regional or international center

SAWIDRA

Satellite and Weather Information for Disaster Resilience in Africa

This project is funded by
The European Union and

A project led & implemented by the
African Center of Meteorological
Applications for Development

- A technical competency in Linux operating system, parallel programming, FORTRAN PROGRAMMING, post processing and visualization tools (NCL, GrADS, R, or equivalent).

Education

The Candidate must have a Masters Degree (M.SC) in Meteorology from recognized university or Meteorological School or Institute or equivalent of WMO class I. A PhD will be an advantage.

Experience

- A minimum of 10 years professional experience out of which 5 years in the field of Numerical Weather Prediction.
- Any proven experience in Modeling within a Global prediction center will be a key advantage

Other Requirements

- Good working capability, within international context, easy contact, dynamism and methodic and strict attitude, integrity, responsible and high level of public and common goods management.
- Aptitude to foreseen a continental vision of ACMAD in meteorological forecasting and watch.
- Aptitude to cope with rapidly evolving used technologies.
- Good skills in French or English and good knowledge of the other working language. Working language of the center being English and French.

Languages

- Fluency in English or French is required and working knowledge of the other language would be an advantage.

Location

- *Niamey, Niger*
- *Missions in Africa*

Contract duration

- **23 months**

SAWIDRA

Satellite and Weather Information for Disaster Resilience in Africa

This project is funded by
The European Union and

A project led & implemented by the
African Center of Meteorological
Applications for Development

Probation period

- **3 months**

Salary

3,900 euros per month. Per diems will be allocated for international travel.

How to Apply

Interested candidates who meet the above criteria should submit
- An application letter
- An updated CV
- Contacts of three referees.

Women are explicitly encouraged to apply

Deadline for applying
08 January 2018 at 16h 30mn

The application can be addressed to:
- ACMAD, 55 Avenue des Ministères, PL 6, BP 13184, 1er Arrondissement, Niamey-Plateau, Niger
- sawidra_acmad@acmad.org with copy to dgacmad@acmad.org