

CALL FOR SECONDMENT/FELLOWSHIP

Secondment and fellowship for capacity building of professionals and scientists on the climate service value chain in the ECCAS region

Application deadline: June 28, 2021 at 17:00 GMT

Organizational Setting and Reporting Relationships:

ECCAS mission include support to sustainable development through economic and social integration of Countries in the Central Africa Region. A major step forward was the creation in 2015 by the ECCAS heads of state of the Regional Climate Prediction and Applications centre. Development of human capacity in the region to support demonstration phase and operationalization of the centre is a priority of ECCAS contributing to delivery of climate services for building resilience and adaptation to climate change in the region.

The Climate Services and Applications programme funded through the 11th European Development Fund with the African Union Commission as contracting authority is supporting training of professionals and scientists for climate services generation and delivery in the ECCAS region.

ECCAS is hereby inviting applications for secondment/fellowship at ACMAD from qualified professionals and scientists from the region in the following areas:

- Weather and climate watch and related scientific and technical projects implementation
 - Information technology with including system administration and meteorological data exchange and management
 - Web server development
- a) The secondment and/or fellowship will last up to four months maximum aimed to provide practical and on the job experience to the young professionals and scientists in the early to middle career in the field of weather and climate services providing them with exposure and learning on weather and climate data, data management and exchange, processing and visualization methods and tools, innovative IT services development and delivery tools. It will also provide the candidate with the opportunity to familiarize with regional, continental and global programmes and projects delivering climate services to member states and international bodies active on building resilience to extreme events and reducing the impacts of climate change in the region.

The seconded expert or fellow on weather and climate watch will agree on a work programme to deliver an implementation plan for the demonstration phase for the ECCAS centre to become WMO designated regional centre and support planning for implementation of GFCS in ECCAS member states. His duties include:

- Familiarization with WMO designated Regional Centre for severe weather and climate operational functions; datasets, methods, tools and products;
- collection and analysis of documents and reports on Regional Climate climate centres demonstrations and operations;
- Drafting implementation plan for ECCAS RCC demonstration and submission for review;
- Contribution to operation of the four mandatory RCC at ACMAD;

To complete the duties above background qualifications and competencies are required.

Qualifications

Education: Advanced university degree (Master degree and preferably doctorate or their equivalents) in meteorology, climatology, atmospheric or related sciences

Experience: at least five years in operational forecasting of weather and/or climate. At least five years in research with peer reviewed publications. At least three years of experience in implementation of meteorological research and development projects with at least a leadership role at project component or work package level.

Language: English and French are the working languages at ACMAD the hosting institution. For this fellowship and secondment advertisement, fluency in either language is required and working knowledge of the other is desirable. Knowledge of another official language of ECCAS member states is an advantage.

- b) The seconded expert or fellow on IT will agree on a work programme to deliver a design of hardware, software, networks, data management and exchange facilities for the demonstration phase for the ECCAS centre to become WMO designate regional centre and support preparatory work for deployment and maintenance IT infrastructure at the ECCAS Centre . His duties include:

- Familiarization with Installation and maintenance of satellite Receiving station, data servers, data processing, management and exchange facilities at ACMAD centre;
- Exposure to IT training events in the framework of collaboration agreements with EUMETSAT and other IT infrastructure operators;
- Exposure to and installation and maintenance of systems and applications software used in meteorology;
- Writing and facilitating the use of scripts, codes, packages or other applications for automatic access to datasets, processing, product generation and service delivery via EUMETCAST, web portal, WMO/WIS and other channels
- Liaise with other GFCS IT team members;
- Exposure to administration of Climate Data Base Applications (e.g. CLIMSOFT, INSTAT)
- Support development of operating procedures and/or user manuals for systems and application software in the Climate service station;
- Carry out other relevant duties as required.

Qualifikations

Education: University degree (minimum a bachelor degree or equivalent) in Information technology or computer science

Experience: at least five years in IT infrastructure design, development or maintenance. At least three years in meteorological hardware, software and telecommunication systems would be an advantage

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- c) The seconded expert or fellow on web platform development will agree on a work programme to deliver a web interface for mandatory products for the ECCAS Regional Climate Centre in the demonstration phase and prepare deployment of the web platform in the physical IT infrastructure at ECCAS Centre. His duties include:
- Design of the web platform under the supervision of ACMAD IT department;
 - Exposure to web development tools (JavaScript, CSS...) and application for web page preparation;
 - Building website using technologies such as HTML, CSS, and JavaScript. This includes the layout of websites, as well as frameworks used to deliver the content that will be displayed on the site.
 - Modifying and updating the website developed according to specifications required for the ECCAS Centre;
 - Ensuring that the web platform is visually attractive and user-friendly;
 - Collaborating with ACMAD relevant experts and particularly IT staff;
 - Testing the web platform and troubleshooting any problems;
 - Preparing deployment on ECCAS Centre physical infrastructure;
 - Carry out other relevant duties as required.

Qualifications

Education: University degree (minimum a bachelor degree or equivalent) in Information technology or computer science

Experience: at least five years in Web platform development, deployment, maintenance and update.

Language: English and French are the working languages at ACMAD the hosting institution. For this fellowship and secondment advertisement, fluency in either language is required and working knowledge of the other is desirable. Knowledge of another official language of ECCAS member states is an advantage.

Competencies for applicants:

Professionalism:

In-depth knowledge and understanding of meteorological processes and phenomena over central region including related high impact events. Ability to develop web platforms, design, deploy and

maintain IT infrastructure or translate meteorological data into technical notes supporting forecast briefings; ability to undertake meteorological research with limited supervision, efficient in meeting commitments, observing deadlines and achieving results, show persistence when facing challenges, calm in stressful situations.

Communication:

Speaks and writes clearly in English or French; listens to others, correctly interprets messages from others and responds appropriately; asks questions to clarify, tailor language to the audience, demonstrates openness in sharing information and keeping people informed. Ability to present high-level papers to peers and stakeholders, both at the institutional, regional and international level.

Planning& Organizing:

Develops clear objectives and activities/tasks to achieve the objectives that are consistent with defined goals; identifies priority activities and assignments; adjusts priorities as required; allocates appropriate time and resources for completing work; monitors and adjusts plans and actions as necessary;

Team work:

Works collaboratively; solicits input by valuing others' ideas and expertise; is willing to learn from others; supports and acts in accordance with final group decision, accepts joint responsibility for team shortcomings. Ability to establish and maintain effective working relations with people of different national and cultural backgrounds and respect for diversity

Conditions of Secondment or fellowship

The following conditions will apply:

1. The candidate applying for this programme must be 50 years of age or below, at the time of the application;
2. The candidate must be a national of an ECCAS member State and be committed to support the demonstration and operational phases of the recently created ECCAS Climate Centre;
3. The selected candidate will work on a predefined project, designed to contribute to weather and climate watch activities planning and operation, Web server development, Information Technology development
4. The selected candidate should participate in national, regional or international meetings and events as assigned for exposure;
5. The selected candidate should submit and present a report at the end of the assignment; and
8. The selected candidate will be part of a pool of ECCAS experts in a community of practices on meteorology with related web applications and IT in the ECCAS region.

Logistics

1. The selected expert must be available to travel to ACMAD (Niamey-Niger) and/or ECCAS Climate Centre (Douala-Cameroon) as may be decided by the ECCAS and AUC after the selection process as soon as possible after the application submission deadline;

2. The selected expert will receive a return air ticket between his/her country of residence and the assigned duty station;

3. The selected expert will receive a monthly subsistence allowance covering expenses including accommodation, local transport, meals, telecommunication.

Special Notice

This call is open only to nationals of the Economic Community of Central African States region.

Candidates must submit:

- CVs
- A motivation letter of not less than 1,000 words
- Copy of academic certificates
- Copy of applicant's national passport (information page only), and;
- Three letters of reference/recommendation

Qualified female candidates and scholars are particularly encouraged to apply.

ALL SUBMISSIONS TO BE EMAILED TO:

Email address at ECCAS: semingar.ngaryamngaye@ceeac-eccas.org

Email address at ACMAD: dgacmad@acmad.org, RH@acmad.org



