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AFRICAN CENTRE OF METEOROLOGICAL APPLICATIONS FOR DEVELOPMENT NEWSLETTER



ACMAD strengthens collaboration with Cameroon - Courtesy call on Cameroon's Minister of Transport

On the sidelines of the 2nd Forum national sur les perspectives climatiques du Cameroun, ACMAD Director General, Dr. Ousmane Ndiaye paid a courtesy call on His Excellency Jean Ernest Masséna Ngallè Bibé, Cameroon's Minister of Transport.

During the meeting, Dr. Ndiaye emphasized the crucial importance of building the capacity of meteorological services to increase climate resilience and support sustainable development.

“To ensure anticipatory action, we need to invest in climate information services. At ACMAD, we are developing innovative tools, such as artificial intelligence and impact forecasts for extreme events, leveraging the latest technologies to provide countries with the means to better adapt to and mitigate the effects of climate change,” he said.

For his part, His Excellency Jean Ernest Masséna Ngallè Bibé welcomed this initiative and reaffirmed that this meeting consolidates the strong collaboration between Cameroon and ACMAD. He emphasized that this partnership opens the way to numerous opportunities, including capacity building for National Meteorology personnel.



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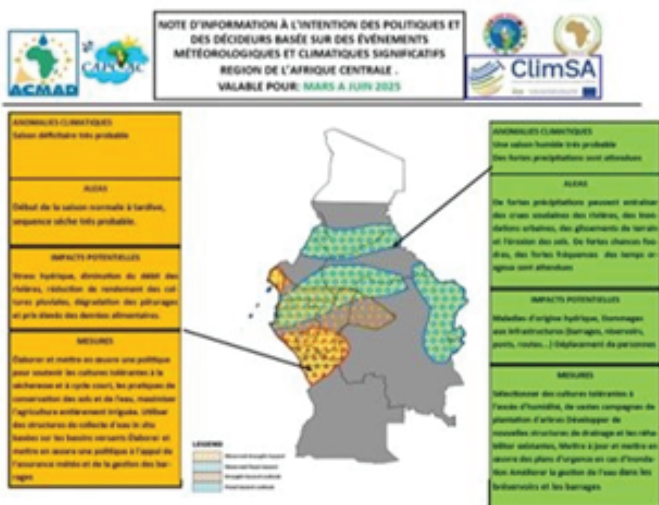
Seasonal Climate Forecasts for Central Africa (March-June 2025): A generally wet rainy season

From March 10 to 13, 2025, the 20th edition of the Central African Seasonal Forecasting Forum was held, devoted to analyzing the climate outlook for the period March to June 2025. As a result of this work, climate experts have identified consensual trends based on the co-production of forecasts with national meteorological services and regional centers.

Rainfall totals above seasonal averages are forecast for several areas in the region, including:

northern Cameroon, southern Chad, Central African Republic (CAR), northern Gabon, eastern Democratic Republic of Congo (DRC), Burundi and Rwanda, northern Congo, Equatorial Guinea and São Tomé and Príncipe. On the other hand, rainfall below seasonal averages is forecast for: south-west Cameroon, southern Gabon, southern Congo, western DRC, north-west Angola, etc.

These forecasts are a strategic tool for planning in sensitive sectors such as agriculture, water management, health, and food security. They enable us to anticipate opportunities and risks linked to rainfall conditions, such as flooding or localized periods of drought.



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ACMAD supports the 2nd National Climate Outlook Forum (NCOF) in Cameroon.

Cameroon's 2nd National Climate Outlook Forum (NCOF) was held in Yaoundé from April 18-20, 2025 under the theme:

“Building resilience to climate variability and change: seasonal forecasts for sustainable agriculture and disaster risk reduction”.

Organized in collaboration with the African Union Commission (AUC), the World Meteorological Organization (WMO), the ClimSA program, and Cameroon's National Meteorological Directorate (DMN), the forum aimed to strengthen climate resilience through high-quality seasonal forecasts and their integration into national policies.

Under the ClimSA program, ACMAD supports the Regional Climate Centers (RCCs) of ECOWAS and ECCAS, as well as pilot countries, including Cameroon. Its support takes

the form of guidelines, training and the facilitation of user interface platforms for climate-sensitive sectors, notably agriculture and disaster risk reduction (DRR). This action is part of the ClimSA project's Outcome 1, which promotes the establishment of user interface platforms (UIPs) at regional and national levels, linked to Water-Energy-Food (WEF) issues.

The NCOF has initiated a structured dialogue between climate information providers, researchers, and end-users.



MND experts and national stakeholders have thus strengthened their ability to generate, interpret, and integrate seasonal climate forecasts into action plans and public policies.

Key results include :

- Raising awareness of the terms of reference for the agricultural and DRR sectors to encourage sustainable engagement between providers and users of climate services;

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- Adaptation of PRESAC 20 regional forecasts to the national context by MND experts with support from ACMAD and CAPC;
- Co-production of customized climate products, including seasonal outlooks, in close collaboration with stakeholders.

This forum illustrates the dynamics of strengthened collaboration around climate services for a more resilient Cameroon in the face of climatic hazards.



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World Meteorological Day 2025

ACMAD, a Committed Player alongside Niger and EAMAC for Early Warning

Each year, World Meteorological Day, celebrated by the World Meteorological Organization (WMO), highlights the importance of weather and climate services through a mobilizing theme. For the 2025 edition, the theme “Bridging the Early Warning Gap Together” attracted a strong mobilization of players at all levels, both national and regional. ACMAD took advantage of this opportunity to reinforce its commitment by actively participating in two major events: the scientific day organized at EAMAC and the conference-exhibition day held by Niger's Direction de la météorologie nationale (DMN).

EAMAC Celebration: Innovation, Youth and Regional Cooperation in the Spotlight :

Ahead of the official date, the African School of Meteorology and Civil Aviation (EAMAC) organized a series of scientific and educational activities. ACMAD, guest of honor at this celebration, was represented by Mr. Léon Guy, Head of the Watch and Forecast Department. He presented the early warning products developed by the Center and shared an analysis of the annual theme, highlighting the importance of technological innovation in anticipating climate risks.

The day continued with an interactive question-and-answer session, before concluding with the finals of the competitions organized by EAMAC. Club Météo distinguished itself brilliantly, winning all the prizes and confirming its status as leader for the year 2025.



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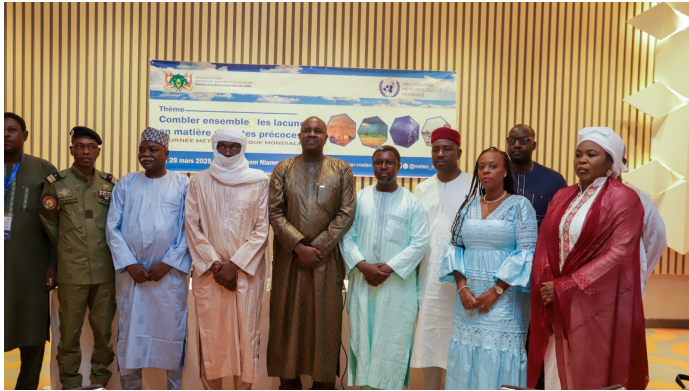
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In Niger: A National Mobilization around Early Warning :



On March 28, 2025, Niger's Direction de la Meteorologie Nationale (DMN), in partnership with ACMAD and other national stakeholders, co-organized an official and delayed celebration of World Meteorological Day. The event featured a conference-debate and a scientific exhibition, illustrating the central role of regional cooperation in strengthening multi-hazard early warning systems.

Mr. Godeffroy Nschimirimana,

Thematic Expert at ACMAD, presented the Center's main actions: capacity building, development of innovative climate products, and dissemination of warnings via modern channels. He also stressed the strategic importance of partnerships between ACMAD, national meteorological services, and technical and financial partners for better coverage and effectiveness of warnings on the continent.

Photos

World Meteorological Day 2025 was a reminder that only collective action can bridge the warning gap, save lives, and protect livelihoods in the face of growing climate hazards.



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New Strategic Partnership for Enhanced Climate Services in Africa



ACMAD and the Alliance of Bioversity International and CIAT have signed a strategic collaboration agreement to improve climate information services for farmers and communities in Africa. This collaboration aims to:

- Develop more effective early warning systems,
- Provide tailored seasonal forecasts,
- Provide practical climate advice for small-scale farmers,
- Identify agricultural vulnerabilities to climate change.

Particular emphasis will be placed on mobilizing resources to modernize climate observation infrastructures, essential for the production of reliable, localized data.

“This partnership goes beyond technical cooperation. It's about sustainably transforming access to climate information on the continent,” emphasized Dr. Ousmane Ndiaye, Managing Director. The Alliance of Bioversity International and CIAT is a global organization that provides research-based solutions, harnessing agricultural biodiversity to sustainably transform food systems and improve people's livelihoods. Together, we are committed to building climate resilience and ensuring that farmers have the tools they need to thrive in a changing climate.

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Capacity Building: Cameroonian Journalists equipped to provide better climate information

On March 19 and 20, 2025, the city of Douala hosted a capacity-building workshop for twenty Cameroonian media professionals. The main objective: to strengthen their skills in climate change, climate services, seasonal forecasts, and their strategic role in disseminating weather and climate information.

Jointly organized by the African Union's ClimSA program, ACMAD, AGRHYMET, and Cameroon's Direction de la Météorologie Nationale (DMN), the workshop aimed to bridge the gap between producers of climate services and end-users through better communication.

Over the two days, journalists not only deepened their knowledge of seasonal forecasts but also participated in the co-construction of a Seasonal

Media Action Plan. This plan will serve as a guide for the production of diversified, accessible, and relevant content around forecasts and early warnings.

As ambassadors for climate services, journalists play a key role in raising awareness, preventing and promoting anticipation of climate risks. By strengthening their ability to interpret and relay scientific information, this workshop contributes directly to the global “Early Warning for All” initiative, building community resilience in Cameroon.

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Report on the visit of ACMAD's Director General to the World Meteorological Organization (WMO)



Dr. Ousmane Ndiaye, Director General of ACMAD, had the great pleasure of meeting with Prof. Celeste Saulo, Secretary-General of the World Meteorological Organization (WMO), and Thomas Asare, WMO Assistant Secretary General

In February 2025, during a visit to the headquarters of the World Meteorological Organization (WMO), Dr. Ousmane Ndiaye, General Manager of ACMAD, had the great pleasure of meeting Professor Celeste Saulo, Secretary-General of the WMO, and Mr. Thomas Asare, Assistant Secretary-General of the WMO.

Discussions focused on ACMAD's contributions to WMO's climate action efforts, notably through WCM products, the Early Warning for All (EW4All) initiative, and

collaboration with AMHEWAS and WIS2.0, among other key areas. The meeting also provided an opportunity to strengthen dialogue with WMO experts and participate in the CREWS steering committee meeting, consolidating the two institutions' shared commitment to advancing early warning systems and climate services in Africa.

As the effects of climate change are felt globally, Africa's high vulnerability makes climate information services more essential than ever for adaptation, resilience and economic growth. As WMO's Regional Climate Centre for Africa, ACMAD enjoys a strong and strategic partnership with WMO, and remains resolutely committed to strengthening this collaboration to improve climate resilience and support sustainable development across the continent.



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