



## CONFERENCE NOTICE

### THE FIRST JOINT CONFERENCE OF AFMS-WMO

The African Meteorological Society (AfMS), is dedicated to building capacity in Africa to withstand the disastrous effects of Climate Change. To improve the economies of African nations, and to provide Early Warnings for various kinds of weather-related disasters caused by nature (accentuated by Climate Change), accurate weather forecasting is of fundamental importance. On the other hand, WMO which represents all National Meteorological & Hydrological Services (NMHS) of the world has the same mission. Therefore, both of us have signed an MOU of cooperation.



Therefore, AfMS and WMO are organizing their First Joint-Conference as follows:

*Location:* ***Addis Ababa, Ethiopia.***

*Venue:* ***United Nations Conference Centre in Addis Ababa (UNCC-AA).***

*When:* ***April 27 – 30, 2025.***

At this conference, we will discuss the problems faced by African Nations, the potential solutions, and the path forward. We expect all African countries, Diaspora, and Friends of Africa (D-FOA) to be represented in this very important Conference. Please submit papers for the conference and join us on this momentous occasion.



You can show your interest in submitting a paper for the Journal, or Conference, and in attending the Conference on the following link:

<https://forms.gle/9Bc5s2qGqRjpA9hN7>

Please make sure that you provide the information requested on the above link. That will help us in planning the conference, and to prepare Africa to handle problems caused by Climate Change.

# **THEMES OF THE CONFERENCE**

## **OVERALL THEME OF THE CONFERENCE**

**Advancing Meteorological Science for Climate Resilience and Sustainable Development in Africa.**

### **Format of the Conference:**

We plan to have 6 Plenary Sessions of 1.5 hours each and a minimum of 10 Parallel Sessions with the topics based on the themes presented in the following sections. The Plenary Sessions will be conducted as the first event in the morning and after lunch, except on the last day (Wednesday, April 30). On that day, there will be a special 6th Concluding Plenary Session in which we will discuss the conclusions of all sessions and decide the future direction.

Each Plenary Session will have a moderator and two invited Plenary speakers.

The Parallel Sessions (10 perhaps more) will be held as per the document “AfMS\_First\_Conference-2025-April-V01”. Each Parallel Session will be one hour long. It will have a moderator and three speakers getting 15 minutes each.

### **THEMES OF PLENARY SESSIONS:**

- Theme 1: Early Warning in the Era of Climate Change.
- Theme 2: Climate Change Resilience and Adaptation Strategies in Africa.
- Theme 3: Strengthening Collaboration and Partnerships for Weather, and Climate Services in Africa.
- Theme 4: Capacity Building and Training Initiatives for Meteorological Professionals in Africa.
- Theme 5: Innovative Approaches to Enhancing Weather Forecasting and Early Warning Systems.

### **THEMES OF PARALLEL SESSIONS:**

- Theme 1: Innovations in Weather Forecasting and Early Warning Systems.
  - Theme 2: Climate Modeling and Projections for Regional Planning and Policy Making.
  - Theme 3: Advancements in Satellite Remote Sensing for Weather and Climate Monitoring.
  - Theme 4: Community Engagement and Climate Information Services for Vulnerable Populations.
  - Theme 5: Addressing Air Quality and Health Impacts in African Cities.
  - Theme 6: Water Scarcity and Climate Change: Managing Resources in African Contexts.
  - Theme 7: Climate Change Impacts on African Agriculture: Strategies for Adaptation and Mitigation.
  - Theme 8: Climate Finance and Investment Opportunities in African Nations.
  - Theme 9: Application of Artificial Intelligence (AI) in weather forecasting.
  - Theme 10: Water Scarcity and Climate Change: Managing Resources in African Contexts
- For more details, please see the document called: “AfMS\_First\_Conference-2025-April-V01”