



CONCEPT NOTE

ENGAGEMENT FORUM WITH RAI HYDROLOGICAL ADVISERS:

THEME:

MAJOR DISASTERS OF THE PAST FEW YEARS IN AFRICA AND THE ROLE OF AFRICAN HYDROLOGICAL COMMUNITY ON THE EARLY WARNING FOR ALL INITIATIVE

1. Background and Objectives

More than 2 billion people are living in countries under water stress and 3.6 billion people face inadequate access to water at least one month per year. Meanwhile, water-related hazards have increased in frequency for the past 20 years. Since 2000, flood-related disasters have increased by 134%, and the number and duration of droughts also increased by 29%¹. These extremes are expected to persist or increase in the near future. Therefore, better monitoring and understanding of climate threats and related damage costs are needed to gauge priority areas for action and delineate options that are more useful to take forward in resilient development initiatives. Provision of climate services and advice to development planners is therefore required. The state of climate report and continental outlook is becoming a flagship climate service supporting resilience and adaptation policy, plan and practice. The development planners are responsible for integrating relevant climate resilient actions in development policies, strategies, investments, or expenditure plans.

Cognizant of the impacts of water-related hazards due to climate change and the need to share information across sectors, WMO and ACMAD are organizing an engagement forum with RAI hydrological advisers across Africa with the purpose to strengthen the Water Sector User Interface Platform (WS-UIP).

2. Objectives

The specific Objectives of the forum are:

- ✓ To establish relationships, share information on the state of climate and continental outlook;
- ✓ To discuss recent hydrological extremes monitoring and forecasting in Africa and how hydrologists' contributions can improve this annual state of climate and continental outlooks;
- ✓ Acquiring, sharing or improving knowledge on hydrological data, in situ and satellite data sources, as well as uncertainties.

3. Expected outcomes

- the knowledge and skills useful for delivering products for the state of climate reports and other statements shared.
- skills to acquire hydrological data, process, analyse and generate products for the state of climate report for their respective regions according to the WMO methodology discussed;
- Network and partnership between climate and water experts strengthened

¹ WMO: <https://public.wmo.int/en/resources/library/2021-state-of-climate-services-water>



LOCATION: Online

TENTATIVE DATE: 13 December 2022

TENTATIVE AGENDA.

Time	Topics	Speakers/Leads
Session-1		
13 :00-13 :10	Welcome, Forum program & participants' introductions	ACMAD & WMO
Session-2:		
13 :10-15 :10	<ul style="list-style-type: none">Hydrological extremes in Africa in 2022; The case of NigeriaState of climate for Africa: expected products from the hydrological communityContinental Climate Outlooks: Expected products contributions from the hydrological communityDiscussions and recommendations	TBC

Zoom link:

Time: Dec 13, 2022 13:00 West Central Africa

Join Zoom Meeting

<https://us02web.zoom.us/j/87073013286?pwd=MEdVYndla1QraFd3b1dlbnJuMHRqQT09>

Meeting ID: 870 7301 3286

Passcode: water

Event Organizers:

ACMAD

WMO