



Regional Workshop on Hydro-Meteorological Observation Networks: Status quo and Perspectives

Date: 3rd – 4th November 2020

Venue: Online / Physical attendance

[Terms of references]

WASCAL, Competence Centre, BP9507 Ouagadougou 06, Blvd Moamar El-Khadafi, Ouagadougou, Burkina Faso

October 2020

West African Science Service Centre on Climate Change and Adapted Land Use
WASCAL, CSIR Office Complex, Agostino Neto Road, Airport Residential Area, PMB CT 504, Cantonments-Accra, Ghana
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Justification

In the vision of strengthening the infrastructural capacity West Africa and closing the hydroclimate data gaps of the region, WASCAL has acquired fifty (50) Automatic Water Level gauges (AWLS) and ten (10) Automatic Water Quality sensors (AWQS), for the benefit of its members-countries. This is also the opportunity for WASCAL to establish a transboundary hydrological observations network in the image of the transboundary climate observatory network.

Following up the delivery of the equipment from WAGTECH, the supplier, to WASCAL Competence centre (CoC), a “**Regional Meeting of Stakeholders in Transboundary Hydrological Observation networks and Water Management**” was held on 12-13 November 2019 at CoC to discuss and decide on the distribution roadmap. The meeting brought together representatives from major river basins including Volta, Niger & the Gambia, the Senegal and the Mono river authorities (ABN, ABV, OBG), OMVS, Mono), and the hydrological department of Burkina Faso (DGRE). Out of consensus from all participants, the distribution of the AHS per basin was strongly recommended as depicted on figure 1. The recommended distribution in terms of number of sensors per major basin is given in table 1 below.

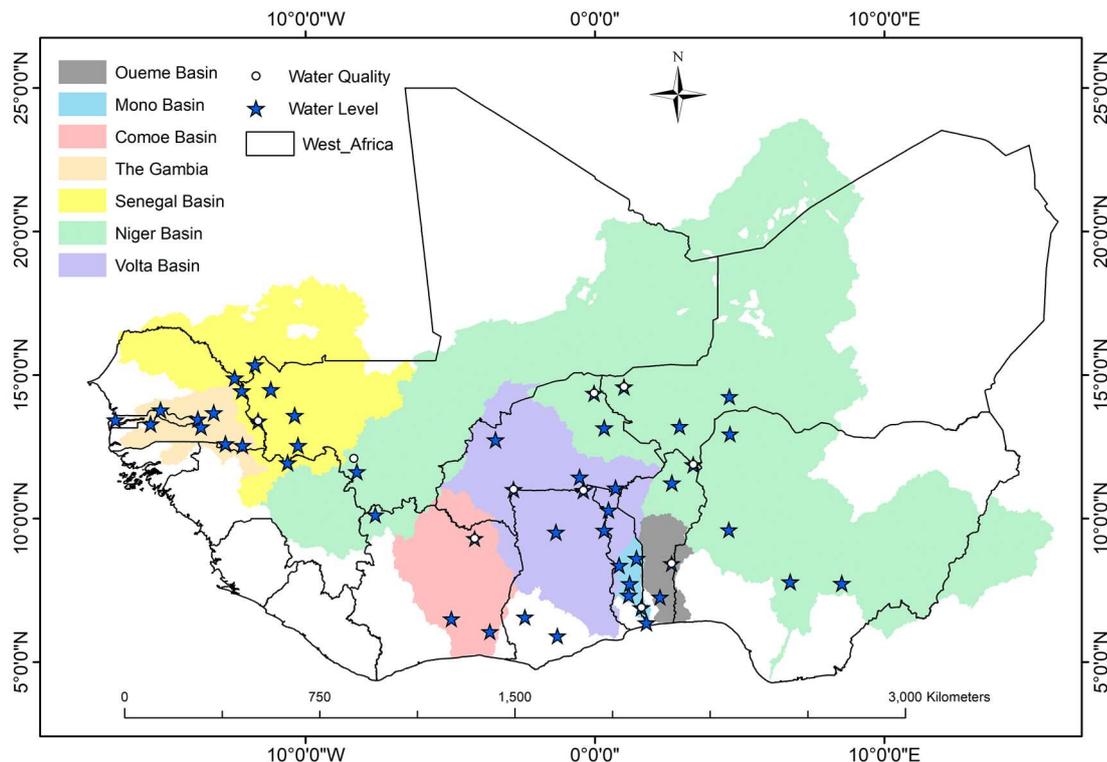


Figure 1: Potential positions of the newly acquired automatic hydrological sensors (AHS) to relative to existing measurement points in the major basins. They include 50 water level sensors (AWLS, blue star) and 10 water quality sensors (AWQS, white dot) sponsored by BMBF in May 2019.

- Discuss the state of art of the BMBF funded Hydrometeorological equipment for the region
- Discuss the sustainability strategies for the transboundary measurement equipment
- Commissioning of the facility

Target audience for technical workshop

Any individual or organization interested in the subject to be discussed is encouraged to attend.

Besides, the following major actors will be officially invited:

- Focal points from national hydro-meteorological agencies
- Directors / representatives of the seven river basins in the region
- Representative of relevant ministries of: Water Resources, Environment, Agriculture, climate change, etc.
- Relevant partnering Organizations and Financial institutions
- WASCAL Executive Director Office
- WASCAL Director of Capacity Building
- WAGTEC and NESAs (Technical partners)
- Directors and IT staff from WASCAL Graduate Studies Program

Target audience for science policy dialogue

- All Board members
- BMBF
- All the ministerial council
- SAC members
- Ministers of ministries of: Water Resources, Environment, Agriculture
- WAGTEC and NESAs (Technical partners)
- The German embassies in member countries
- All participants of the Technical workshop

Date and venue

The workshop will be held online via a Zoom video-conferencing platform on 3rd and 4th November 2020. Participants from Burkina Faso are expected to physically attend the meeting at the competence center while international participants will join online. For the purpose of properly managing the participants, the attendees will be invited to confirm their participation via an online registration form to be put in place and publicly made available on WASCAL website where the workshop will be advertised. For additional information, please contact: Nii Commey (commey.n@wascal.org), Adjara Dindane (dindane.a@wascal.org), secretariat_cc@wascal.org, Tel: +226 25375423 / 29

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Zoom Link:

WASCAL is inviting you to a scheduled Zoom meeting.

Topic: **Regional Workshop on Hydro-Meteorological Observation Networks: Status quo and Perspectives**

Time: Nov 3, 2020 09:00 AM Universal Time UTC

Every day, until Nov 4, 2020, 2 occurrence(s)

Nov 3, 2020 09:00 AM – 12:00 PM

Nov 4, 2020 09:00 AM – 12:00 PM

Join Zoom Meeting

<https://zoom.us/j/95104303657?pwd=QzBnQXVSRUIRaHFuZlZDWjd4OEEQ5Zz09>

Meeting ID: 951 0430 3657

Passcode: 825390

Expected results

By the end of the workshop, the participants are expected to be aware of

- the status quo situation of hydro-meteorological observation networks in the region and challenges to overcome
- WASCAL contribution to fill data gaps in the region for climate science studies
- steps and milestones for the installation of the AHS in the concerned member countries
- the accessibility of hydrometeorological data and infrastructure at WASCAL
- perspectives regarding near surface observation networks in the region

