REPORT OF PARTICIPATION IN THE 11TH SCIENTIFIC ASSEMBLY OF HYDROLOGICAL SCIENCES HELD FROM 29th MAY TO 3rd JUNE 2022 IN MONTPELLIER, FRANCE AT THE "CORUM - PALAIS DES CONGRÈS"

In the year two thousand and twenty-two and from May 29 to June 3, the 11th Scientific Assembly of the International Association of Hydrological Sciences was held in Montpellier, France at the "Corum - Palais des Congrès". Indeed the International Association of Hydrological Sciences AISH is a non-governmental, non-profit scientific organization committed to serving the science of hydrology and the international community of hydrologists. Thus this conference is a scientific event which recorded approximately 650 summaries (oral communications and posters) in the diversity of themes, research subjects which were the subject of several communications of exchanges, in different panels bringing together the axes of research in hydrology in the countries of the North as in the South.

In this context I benefited from the support of SYSTA which allowed me to participate in this conference and to present an oral communication whose registration and programming code is IAHS2022-192 on the subject " Investigation of drought and flooding areas in coastal countries of West Africa in the context of global warming" in the 3rd session on Wednesday, June 1, 2022 from 1:30–1:45 p.m. in Room Auditorium Pasteur.

After the presentation of my paper, some listeners and even participants asked me a few questions such as what are the implications of my research on water resources and what are the significance thresholds of my results related to trends. Answers were given with also the contribution of one of the co-authors present in the room in the person of Professor Gil Mahé.

In addition to the various communications, I had on the one hand the privilege of being present at the 100th anniversary of the IAHS focused on the synthesis and the debates both retrospective and prospective on the discipline and its interfaces with other scientific fields and societal challenges. And on the other hand to follow an interesting report on the report of the Panta Rhei decade (2013-2022) on changes in hydrology and societal issues and also unresolved problems in hydrology with the acceleration of the UPH initiative put in place between 2017 and 2019.

As a prelude to this conference, I also benefited from an Additional training courses or workshops from May 28-29, 2022 on Rainfall-runoff modeling with the open-source airGR and airGRteaching R packages. This training was given by IRSTEA experts headed by Professor Charles Perrin.

As part of the workshops, I also followed the training on "How to write a proposal in Hydrology" Wednesday June 1 12 p.m. 1:30 p.m. Barthez room and the 'Applications of satellite remote sensing in hydrological assessments" on Thursday June 2 10.30 a.m. 12 p.m. Barthez 2 Corum room.

It should be noted that this conference was an opportunity to meet hydrological experts who work on common themes, our research axis or transversal research axes accompanied by a gala dinner. Montpellier is a magnificent and old city in the south of France which is full of natural and environmental riches with also these areas of attraction such as the Place of "Comédie".

I also had the honor of receiving a Sivapalan travel grant certificate for young scientists (SYSTA) to participate in AISH 2022. It is therefore time to renew all my thanks and gratitude to the organizers of this 11th scientific assembly and in particular to all the AISH and SYSTA team who have spared no effort to have financed my participation in the said conference by ensuring my travel, my accommodation, my subsistence, my internal travel and my stay in Montpellier.

In the years to come, I expect to benefit more from the support of SYSTA for the participation in other scientific events in hydrological sciences.

Long live to research and to AISH/SYSTA!!!

Abstract: Investigation of drought and flooding areas in coastal countries of West Africa. Domiho Japhet Kodja et al.

Session: S3 Change in extreme droughts in the future

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