



IAHS 2022

XIth SCIENTIFIC ASSEMBLY

29 May to 3 June 2022 - Montpellier (France)

IAHS Conference REPORT

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1. Introduction

The XIth Scientific Assembly of the International Association of Hydrological Sciences (IAHS 2022) took place in Montpellier (France) from 29 May to 3 June 2022. The objective of this important event was to provide an opportunity to communicate, exchange and project on all major topics in the hydrological sciences within the framework of sessions organized by all IAHS Commissions and Working Groups. In the framework of this conference, I had the honor of being selected as an awardee of the SYSTA grant.

2. Experience at the conference

The SYSTA grant funded me to attend this conference. Firstly, the IAHS Conference 2022 was an ideal framework for me to exchange and communicate at a high-level scale. It allowed me to make lots of new connections and forge many new network of relationships. I was very glad to meet the team of IAHS. In addition, the conference was an opportunity for me to deepen my knowledge/skills in hydrology and thus contributed to enriching my potential as a junior researcher. At this conference, I participated in several activities including sessions, special sessions and workshops for early career researchers among other things:

- “Rainfall-runoff modelling with the open-source airGR and airGRteaching R packages” (28-29/05/2022).
- “The Opening Ceremony and the Systs lunch event (30-05-2022)”.
- "Open science"(31-05-2022).
- “How to write a proposal in hydrology” (01-06-2022).
- “Applications of satellite remote sensing in hydrological assessments” (02-06-2022).
- “Promoting your research findings to the scientific community” (02-06-2022).

Then, I had the opportunity to present my research on “[Using of hydrological model and geospatial tool to assess climate change impact on the hydropower potential of the White Bandama watershed in Côte d’Ivoire \(West Africa\)](#)” (03-06-2022) at session S22 [Tropical hydrology](#). It was a great pleasure to share my experience as a young hydrological researcher, communicate the results of my research and learn from the other participants.

Through the subjects and communications that were developed during the conference, it allowed me better understanding the new challenges of hydrology and acquiring the tools necessary to respond to these issues facing hydrological science today.

Apart from the work during the sessions, the conference also offered me a framework for discovery and entertainment due to the tourist potential of Montpellier.

Finally on the whole, the conference offered me the opportunity to position myself in the future as a young advanced researcher useful to the scientific community in general and to the IAHS in particular. For this purpose, I am motivated to integrate and contribute to the working groups such as the IAHS Early Career Committee, the Early Career leaders e.g. IUGG, EGU, AGU, and the Young Hydrologic Society. I come back at home with the feeling of satisfaction hoping to participate in the future editions of IAHS Conference.

To conclude, I would like to thank IAHS through the SYSTA grant for funding my participation in the conference and for giving the opportunity to present my research.

3. Some photos



Photo 1. IAHS Systs awardees 2022 – Montpellier, France 29 May to 3 June 2022



Photo 2. Prize-giving ceremony – Me receiving my SYSTA prize

(a)



(b)



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Kouadio, K. C. A., Amoussou, E., Diedhiou, A., Coulibaly, T. J. H., Coulibaly, H., Didi, R., and Savané, I.: Using of hydrological model and geospatial tool to assess climate change impact on the hydropower potential of the White Bandama watershed in Côte d'Ivoire (West Africa), IAHS-AISH Scientific Assembly 2022, Montpellier, France, 29 May–3 Jun 2022, IAHS2022-274, 2022.



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Photo 3 (a and b). Presentation of my research – Session 22 on 03 June 2022