

Summary report form IAHS2022 conference (29 May-4 June)

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Attending the IAHS2022 was a great opportunity for me. I am glad that my two presentations were consistent with the IAHS research plans:

- a) [Sustainability Assessment: The role of Indicator-based Frameworks in Sustainable Water Management](#) in session S4 [Water resource management in a changing world: economic, environmental and societal trade-offs and synergies](#).
- b) [Water Balance Assessment in Iran: From Unsolved Problems to Practical Solutions](#) in session S4 [Water resource management in a changing world: economic, environmental and societal trade-offs and synergies](#).

The second presentation was about introducing a national initiative in Iran (entitled as “Unsolved Problems in Water Balance, UPWB). This work has been inspired by 23UPH from IAHS.

Finally, based on the feedbacks on my presentations, I can outline my future research line and activities as following:

- ▶ The role of indicators in monitoring human-water systems. There is good potential in using and developing indicators in advancing socio-hydrology. In the first step, based my recent paper (+), I am thinking of preparing a review paper about the role of indicators in hydrology and submit it to the Hydrological Science Journal.
- ▶ Synthesizing of Unsolved Problem in Hydrology (UPH) in water balance assessment at watershed scale. I am thinking of preparing an opinion paper about global challenges and different hydrological assumptions related to the "watershed water balance assessment". This paper could attract researcher's attention to the importance of synthesis of hydrological information (or UPH).

The attached photo, is a photo with Anil Mishra and Abou Amani from UNESCO-IHP. I was so glad to meet them during the conference. Last year they invited me in their virtual global webinar series and conference.

