

## IAHS Bureau Meeting, 18 October 2021, From 1 pm CEST - Minutes

Chair: Berit Arheimer

Zoom meeting: Meeting ID: 874 2497 7214 Passcode: 986949

<https://us02web.zoom.us/j/87424977214?pwd=T2M4blkzNE9WQWZPN01OeFZmaXBjZz09>

A list of attendees is provided at the end of these minutes.

### 1. Opening by the President – Tour de table – Adoption of minutes of previous meeting and of the Agenda

BA opened the meeting and made a check of those present and assignation of voting rights (19).

The agenda was adopted.

There were no comments on the minutes of the previous Bureau meeting. The meeting minutes were accepted.

### 2. Information about and lessons learnt from reorganized events

EV: STAHY Sept 2021. Online meeting with ~100 attendees, more than usual for a STAHY workshop. Well-organised with good presentations. Looking forward to resuming in-person meetings next year. Outputs are a Special Issue of HSJ and short report to the IAHS website.

KH: IAHS supported 3 SYSTA awardees to attend.

CC): WaterNet Symposium Oct 2021. IAHS provide an annual grant to WaterNet to support early career participants - for 2021 this was carried over from 2020. IAHS and WaterNet have a MOU confirming the charity relationship. Manager of WaterNet Jean-Marie Kileshye Onema is also an IAHS Officer so there is a strong relationship.

DH: Cotonou Nov 2021. 230 abstracts, >100 presentations, 60 accepted for PIAHS. Hybrid meeting with most contributors from African countries. Training sessions being organised around the conference with WMO, UNESCO-FRIEND and French labs (<https://friendgrandsfleuvesafriquecotonou2020.org/friend/>). 16 SYSTA awards (3 from 2020 and 13 from 2021) for both registration and training. CL providing a lot of organisation to support the SYSTA awardees. ECC is also organising two workshops led by the SYSTA awardees: 1) how to write a paper, 2) open data.

MS: Snowhydro meeting 1-4 Feb 2022 in Grenoble. 3<sup>rd</sup> time the conference has run, but 1<sup>st</sup> time it has been led by ICSIH. Still not clear if it will be in person or virtual/hybrid. 82 abstracts submitted which is broadly in line with expectation.

Paolo Porto (PaPo): ICCE meeting Jun 2022 in Bydgoszcz, Poland. Dates not yet finalised but Sergey Chalov is in communication with the LOC. More information to follow.

CC: Cryosphere 2022 meeting in Reykjavik, Iceland, still uncertain.

### 3. Update on IAHS Scientific Assembly, 2022 Montpellier

Presentation from ES of the LOC described the conference venue including 745-seat auditorium and 5 other rooms for poster sessions and workshops. 33 sessions + 8 workshops during the Assembly (29 May-4 June), plus other events before and after. Abstract submission platform managed by Copernicus. Deadline for abstracts is 1 Dec 2021. Registration platform open from today. Encourage abstract submission and registration.

Seeking additional funding support from foundations, business, public bodies and UNESCO Centres. Appointed additional staff member (Marjorie) for 10 months mainly dedicated to event management and communication.

GM: Colleagues in FDCs without credit cards cannot submit an abstract - is a bank transfer possible? CC and ES response: The registration fees can be paid by bank transfer; the limitation is only on the abstract submission. In previous meetings, LOC paid abstract submission fees and then attendees refunded in cash at the meeting. Should be technically possible for Copernicus but would need to be discussed with Copernicus as is not in the contract.

CC: Update on IAHS events during IAHS SA. 100-year anniversary IAHS celebration in the Plenary on Wednesday evening. Prize ceremony on Thursday evening (2020, 2021 and 2022 awards). The scientific program was secured over a year ago but a few more sessions have been added by the LOC, WMO and UNESCO, and workshops added including those led by the ECC. Reminder to encourage SYSTA applications (deadline 12 December). Confirmation that every effort has been made to keep the costs as low as possible. Officers are encouraged to register as early as possible. It is noted that GM and EA are also part of the LOC.

#### **4. Update on IUGG General Assembly, 2023 Berlin**

Last organisation meeting in September 2021 held online and attended by CC and BA. In November/December 2021 should find out about timing of IAHS events within the GA, normally towards the start.

Not much response from IAHS Commissions to suggest joint sessions with other IUGG Associations which is the IUGG priority. ICSIH have confirmed inter-association sessions with Cryospheric Sciences Association (IACS). Other sessions possible regarding Citizen Science. All Commissions are encouraged to input to the online resource.

Panta Rhei closing workshop could be held the day before the IAHS events, hosted by HK at her institution at Potsdam (GFZ) to avoid costs and difficulties of booking a room via the IUGG GA. Nothing can be organised until the dates are known. Potsdam is close to Berlin and there are good transport links.

#### **5. Update on IAHS participation to ongoing processes within the United Nations**

CC: 2022 UN World Water Development Report (WWDR) is on groundwater, so AF is involved. 2023 UN WWDR is on partnerships and cooperation so information will be shared with the Commissions. CC liaises with the relevant Commissions/the Bureau to solicit IAHS inputs.

CC: For UNESCO, UPH has been clearly identified in their strategy and UNESCO have been invited to participate in Montpellier. A UNESCO Open Science virtual meeting was attended by CC and ND representing IUGG, and member states should adopt the strategy in November. Open Science principles will cascade so there may be a further role through ISC.

CC: WMO have a new item on hydrology data sharing: to ascertain the minimum data sharing requirements. BA and CC both invited to participate in the water declaration and hydrological research strategy.

DH: Gratitude expressed to CC for all his work on behalf of IAHS. IHP 9 includes science research with one on water and UNESCO is driving the science agenda. IAHS/IHP/WMO links are all very strong and IAHS have a lot to contribute.

Additional links from the chatbox:

International Hydrological Programme (IHP) >> Intergovernmental Hydrological Programme (IHP)

<https://council.science/current/news/open-science-and-the-unesco-initiative/>

Hydrological Assembly: <https://meetings.wmo.int/Cg-Ext-2021/SitePages/Hydrological%20Assembly.aspx>

<https://public.wmo.int/en/media/news/wmo-endorses-water-declaration-including-water-and-climate-coalition>

WMO Hydrohub project - <https://www.youtube.com/watch?v=VCepGbe9Qz8&list=LL&index=1&t=73s>

#### **6. Proposal to change the name of IAHS**

DR presented the case for a change of name to IHA.

CC explained the process for these matters after consultation with IUGG. A National Representative of an IUGG Adhering Member makes a formal proposal to IAHS. IAHS discuss at bureau. Then IAHS conduct voting by country representatives at an in-person IAHS plenary. This normally cannot be done within 6 months of a General or Scientific Assembly. Online votes can be held and within 6 months of a General or Scientific Assembly if a special case is made. If the IAHS plenary vote is a majority then it is taken to IUGG plenary which requires a 2/3<sup>rd</sup> majority.

Discussion about the proposed name change: Some welcomed the suggestion as more inclusive of those who did not view themselves as hydrologists, and also welcomed a review of these matters. Others felt that IAHS is already a strong brand, such that changing the name is risky, and could result in a loss of identity and confusion with other bodies. It is noted that IAH is International Association of Hydrogeologists and IHA is International Hydropower Association.

CC: We are considering 2 questions. 1) Do we want to change our name? 2) If yes, what should the new name be? CC thought it is important to retain “science” as some associate hydrology only with operational hydrology, not with hydrological science.

GB welcomed change, and noted that hydrologists are conservative, but asked what is the strategic advantage of changing our name (e.g. change in name to IWA to demonstrate that they are wider than water sanitation engineering)? Do we want to signal a change in what we do?

AC felt we need to remember that both HSJ and PIAHS, our journals, include ‘Sciences’ in the name and IAHS mission is in the promotion of science.

DH noted that we should ask early career hydrologists for their views as they are the future of IAHS.

CC acknowledged the symbolism of changing the name on the 100<sup>th</sup> anniversary of IAHS in 2022, but pointed out that there is not enough time for the formal process to happen before this. Instead he proposed having a strategy to review the name and need for change in strategy for IAHS and form a working group on the topic.

Outcome of voting on question “Re-evaluate strategy, identity and IAHS name”: 86% accept, 14% reject. Discussion of timing and when to set up the working group, and need to ensure a diverse working group.

## **7. Early Career Committee. Selection of new chair and renewal process for Commissions**

BA: MN is now the only candidate. It is good to include someone involved in the first rotation to build upon their experience. MNe will ensure continuing communication with the Young Hydrologic Society – one member of the ECC will lead on this.

ND: Existing active members of ECC meet online every 2 months to share ideas and activities. Change of ECC chair will occur at Montpellier in 2022, alongside identification of new ECC representatives for each Commission. CC will initiate call for new ECC members now. The Commissions will make the final selection if there is more than one ECC candidate per Commission. If SYSTA support is required to support ECC to attend the IAHS SA then we can fast track the process.

BA: Expression of thanks to ND for being eager and enthusiastic.

## **8. ED&I – Equality, Diversity and Inclusion**

SA: There have been some changes in the draft strategy that was circulated to the Bureau, shown on the screen. The plan is that a less detailed EDI statement will go onto the IAHS webpages, along with a description of the work of the task force and what it will be addressing.

Work plans include: codes of conduct for editing and reviewing; reward systems for early career or under-represented groups in our field; mitigating conscious and unconscious biases in editing and reviewing (e.g. blind and double-blind review systems); creating an inclusive environment at conferences (e.g. avoid focusing social events around alcohol); invite speakers on these topics; benchmarking where we are and the current situation so that

improvements can be identified (e.g. Commission and Bureau posts, SYSTA applications and awards); educate our membership about these core values.

CL noted that she and CC had looked at what data are available already, and it is difficult to benchmark because gender and ethnicity data have not previously been collected.

Outcome of voting on question to approve ED&I plan: 100% accept.

MS asked if there will be funding for ED&I speakers. KH agreed to have ED&I budget line in future IAHS Ltd annual budgets.

## **9. Proposal for the digital water globe platform**

BA presented a paper submitted to the October 2021 Bureau meeting. The paper was based on Powerpoint presented to June 2021 Bureau meeting and draft paper circulated by email to the Task Force members, with feedback (some small changes) incorporated.

BA said that the proposed budget is at lower cost range as much of the underpinning code is prepared already. It would be hosted and run by SMHI, but ownership would be entirely IAHS, and SMHI would prepare the platform to be migrated to other hosts in the future. It can use open-source licensing to avoid IP matters with content coming from the IAHS community.

BA discussed the risks of the proposed platform. The main one is lack of engagement from the IAHS community leading to a 'sleeping beauty'. The budget appears high for IAHS so we need to be assured that it will be used and money well-spent (that could potentially could have been used for other purposes). The sustainability of the platform is another common issue encountered during such digital projects.

FN: Overall positive comments. Supports open-source approach. However, experience from other projects about difficulties relating to IP matters. Need to involve legal support with expertise in these matters.

GB: Endorsed the proposal and approach, it is vital for IAHS to go digital, conducive to reaching IAHS goals.

SG: The start of a step-by-step process, with feedback from the community at each step.

FT: Asked about the possibility to include emerging technologies in this field e.g. image analysis where data are not currently found in databases. BA responded that it needs to start simple with point data as spatial data are more difficult.

HK: Good for inclusivity and diversity.

KH: Needs to represent good value for money, as the cost to IAHS has risen so far to ca £100K.

MS: Need to have an ED&I statement behind the activity and ED&I representative on Task Force. Asked about make up of Task Force and stressed need to be inclusive.

PaPa: Include the digital platform as an ED&I action.

CC: Noted there is currently no specific ED&I budget for IAHS, but some existing initiatives and actions are aligned with ED&I. Also, need to synchronise with the UNESCO Open Science principles. Could help BA with getting money from the outside.

KH: Asked about specific measure for getting the community involved and in providing content for the Digital Global. BA responded that this plan and communications would be part of the project implementation.

Outcome of voting on question to proceed with the digital platform: 100% accept.

## **10. IAHS 100<sup>th</sup> Anniversary suggestions**

Programme of activities needs to be finalised by end of 2021 to have speaker commitments in their Calendar.

BA: Possible historical hydrology photo exhibition like that of Keith Beven and where we might be in 100 years' time.

GB: It must look forward as well as back.

SA: Involve early career scientists e.g. talking about what hydrology should look like at the end of their careers in 20 to 30 years' time.

HK: Have a survey of the community about the most pressing hydrology questions in the coming decades and the solutions to them.

ND: Could build upon 22<sup>nd</sup> century hydrology workshop from EGU 2021.

CC: Involve external partners e.g. external perspectives explaining the value of IAHS. Cannot include all partners, so maybe have a panel discussion, as also gives more flexibility in case the panel composition changes at the last minute.

DH: Suggested looking at AGU2018 for ideas.

Publications relating to IAHS 100<sup>th</sup> Anniversary e.g. HSJ and PIAHS special issues: Open call for papers on epistemological papers, visionary papers, but also have commissioned papers, such as from each Commission and invited papers, all subject to peer review. Could also produce a digital brochure.

SA on behalf of AC: HSJ very supportive of 100<sup>th</sup> Anniversary electronic special issue. Would prefer a running process, such as has been used before for Panta Rhei opinion papers.

CC: Also mentioned having a 100<sup>th</sup> anniversary webinar series, but did not have capacity to advance this since the last Bureau meeting. Is it important to have this in our Anniversary year? Challenge to get Commissions and Commission officers to engage with a series of webinars over the period of a year. Maybe we do not need to rush for 2022 and only proceed when the commitment is assured.

MS: Working groups already very busy with webinars, perhaps we shouldn't have these at the plenary. Multiple time zones are also a problem for webinars.

DH: Webinars are doable, but they are only worth doing if the webinars have a clear purpose. CC responded that the aim is to raise the profile of IAHS - recordings of webinars or podcasts would go on the IAHS website as a useful resource.

ND: Webinars would help attract early career scientists to IAHS, and encourage their future participation in IAHS.

SG: Suggestion to make films about IAHS work, maybe 20 minutes long with a standard format across commissions based on the anniversary and discussing future challenges which could all be delivered in April for display at Montpellier – need to know if the audience are PhDs or citizens. Concern that if films are posted in public fora, they need to be professional, otherwise they can be counterproductive.

Outcome of voting: 53% push to new strategy, 35% start webinars next year, 12% video films.

## **11. UPH: Actions and support for post-Panta Rhei initiative**

GB: UPH has been dormant over the past 18 months, partly due to the coronavirus pandemic. IAHS can still advance UPH e.g. South American workshops are planned. A post-Panta Rhei decade that focuses on scientific developments would be valuable e.g. focusing on 2-3 questions from UPH, or on open data, but ensuring that the science is at the fore.

GM: With UNESCO FRIEND-Water programme, launched a UPH in Africa initiative. 400 individual registrations were received, and 23 groups organized with 2 or 3 volunteers to frame the discussions for each question. A first synthesis will be presented during the Cotonou meeting 16-20 November 2021. A consolidated synthesis is scheduled to be presented at the Montpellier conference and serve as a draft for a paper submitted to HSJ. South American colleagues contacted GM and Andrew Ogilvie (who are managing the process), to copy our process for South America.

SG: Need a new decade to encompass both UPH and the digital globe. The decade is more of a flag whereas UPH is an action.

CC: Could have a 2<sup>nd</sup> Bureau meeting on the Saturday 4 June at Montpellier to work on the design of the new initiative.

No vote needed for this item, mainly for reflection to feed into plans for Montpellier.

## **12. Next Bureau meetings**

BA: Normally the first Bureau meeting is held in person the day before the IAHS SA. But suggest online 3-4 weeks in advance of the IAHS SA. This would include all the Bureau reports, any problem solving needed for the Sci Ass. Second Bureau meeting then designed for a more interactive event the day after the Sci Ass (4 June).

Proposal adopted.

Action: CC to send an availability poll for the pre-Sci Ass meeting.

## **13. Other business**

## **14. Closure**

CML 20/10/21

## 2021 IAHS 2nd Bureau Attendees 18 October 2021

|                    |                         |                                 |              | voting<br>rights |
|--------------------|-------------------------|---------------------------------|--------------|------------------|
| <b>IAHS</b>        | President               | <b>Berit Arheimer (BA)</b>      | Sweden       | 1                |
|                    | Past President          | <b>Günter Blöschl (GB)</b>      | Austria      | 1                |
|                    | Vice President          | <b>Salvatore Grimaldi (SG)</b>  | Italy        | 1                |
|                    | Vice President          | <b>Paola Passalacqua (PaPa)</b> | USA          | 1                |
|                    | Vice President          | <b>Zongxue Xu</b>               | China        | 1                |
|                    | Secretary General       | <b>Christophe Cudennec (CC)</b> | France       | 1                |
|                    | Treasurer               | <b>Kate Heal (KH)</b>           | UK           | 2                |
|                    | HSJ Editor in Chief     | <b>Attilio Castellarin (AC)</b> | Italy        | 1                |
|                    | HSJ Co-Editor           | Stacey Archfield (SA)           | USA          |                  |
|                    | HSJ Co-Editor           | Aldo Fiori (AF)                 | Italy        |                  |
|                    | Honorary Vice President | Dan Rosbjerg (DR)               | Denmark      |                  |
| <b>IAHS Ltd</b>    | Company Secretary       | Helen Houghton-Carr             | UK           |                  |
|                    | Executive Secretary     | Claire Lupton (CL)              | UK           |                  |
|                    | HSJ Editorial Manager   | Lottie Rundall                  | UK           |                  |
| <b>Commissions</b> |                         |                                 |              |                  |
| <b>ICCE</b>        | President               | <b>Paolo Porto (PaPo)</b>       | Italy        | 1                |
| <b>ICCLAS</b>      | Vice President          | <b>Monica Garcia</b>            | Spain / USA  | 1                |
| <b>ICGW</b>        | Past President          | Aldo Fiori (AF)                 | Italy        |                  |
| <b>ICGW</b>        | President               | <b>Felipe de Barros</b>         | Brazil / USA | 1                |
| <b>ICGW</b>        | Secretary               | Antonio Zarlenga                | Italy        |                  |
| <b>ICGW</b>        | ECC                     | Michelle Newcomer (MN)          | USA          |                  |
| <b>ICRS</b>        | President               | <b>Amir Agha Kouchak</b>        | Iran / USA   | 1                |
| <b>ICRS</b>        | Vice President          | Maria Jose Polo Gomez           | Spain        |                  |
| <b>ICRS</b>        | ECC                     | Kartic Bera                     | India        |                  |
| <b>ICSH</b>        | President               | <b>Elena Volpi (EV)</b>         | Italy        | 1                |
| <b>ICSH</b>        | Vice President          | Svenja Fischer                  | Germany      |                  |
| <b>ICSH</b>        | Vice President          | Chris Kochanek                  | Poland       |                  |
| <b>ICSIH</b>       | President               | <b>Melody Sandells (MS)</b>     | UK           | 1                |
| <b>ICSIH</b>       | ECC                     | Elzbieta Czyzowska-Wisniewski   | USA          |                  |
| <b>ICSW</b>        | Past President          | Gil Mahé (GM)                   | France       |                  |
| <b>ICSW</b>        | President               | <b>David Hannah (DH)</b>        | UK           | 1                |
| <b>ICSW</b>        | Vice President          | Ernest Amoussou (EA)            | Bénin        |                  |
| <b>ICSW</b>        | Vice President          | Alain Dezetter                  | France       |                  |
| <b>ICT</b>         | Vice President          | <b>Maki Tsujimura</b>           | Japan        | 1                |
| <b>ICWQ</b>        | Vice President          | Alena Bartosova                 | Sweden       | 1                |
| <b>ICWQ</b>        | Vice President          | Stefan Krause                   | UK           |                  |
| <b>ICWQ</b>        | ECC                     | Jean N Namugize                 | Rwanda       |                  |
| <b>ICWRS</b>       | President               | <b>Barry Croke</b>              | Australia    | 1                |
| <b>ICWRS</b>       | Secretary               | Alberto Viglione                | Italy        |                  |
| <b>ICWRS</b>       | ECC                     | Gökçen Uysal                    | Turkey       |                  |

|                    |       |                      |         |
|--------------------|-------|----------------------|---------|
| <b>Panta Rhei</b>  | Chair | Heidi Kreibich (HK)  | Germany |
| <b>ECC</b>         | Chair | Nilay Dogulu (ND)    | Turkey  |
| <b>MOXXI</b>       | Chair | Flavia Tauro (FT)    | Italy   |
| <b>CandHy</b>      | Chair | Fernando Nardi (FN)  | Italy   |
| <b>Guests</b>      |       |                      |         |
| <b>Montpellier</b> | LOC   | Eric Servat (ES)     | France  |
| <b>Montpellier</b> | LOC   | Sandra Adroin-Bardin | France  |
| <b>Montpellier</b> | LOC   | Sandie Mennechet     | France  |