

## Minutes

Chair Berit Arheimer (BA)

### Zoom Meeting

#### Opening – Tour de table

Approved minutes of June 2022 Bureau meeting held in Montpellier.

Approved agenda for the meeting.

17 officers available to cast their votes for the location of the next IAHS Scientific Assembly (18 votes in total as Kate Heal has 2 votes in the roles as IAHS Treasurer and Chair IAHS Ltd).

#### 2. IAHS2025 Assembly (framing document)

- a. Bid from Nagoya, Japan. Presentation and Q&A (document) – proposed dates 13-17 May 2025
- b. Bid from Roorkee, India. Presentation and Q&A (document) – proposed dates Aug-Oct 2025
- c. Bid from Northumbria, UK. Presentation and Q&A (document)
- d. Discussion within bureau and Vote

Four initial expressions of interest in hosting in Montpellier, including from Brazil but that was dropped in September. 3 bids submitted.

Each bidder gave a 10 minutes presentation, followed by 10 minutes questions. Result of the vote will be communicated by email from Christophe Cudennec (CC) immediately after the Bureau meeting.

Nagoya, Japan, bid presentation and Q&A – by Tetsuya HIYAMA. Questions about the payment of abstract fee by bank transfer and agreed it will be possible. 2 levels of participants in the budget. 1 full-time person for 1 year to support the administration of the SA. Organisers will provide support for delegates that need to obtain visas. Hotels and meals cheaper than Europe, <US\$100 per night.

IIT Roorkee, India, bid presentation and Q&A – presented by Ankit Agarwal. Travel to and from the conference venue will be provided for participants staying in hotels outside the campus. Registration fees include all meals and ice-breaker and Gala dinner. Proposed lower head fee to IAHS of 10 euros for participants from non-OECD countries in order to lower the registration costs for non-OECD participants. Help with transport for delegates from Dehradun/Delhi airports to Roorkee. Roorkee can provide supporting staff and manpower in the run-up to and during the conference. Registration fee does not include abstract submission fee, but does include some PIAHS publications (assume 10% of oral presentations are PIAHS papers). Conference budget calculated using 2 scenarios (700 delegates as standard number expected at IAHS Scientific Assemblies, 1000 delegates (500 Indian and 500 non-Indian)). 3 halls plus main hall with capacity of 1500 persons. Payment of abstract fee by bank transfer will be possible. Discussion about safety and it was pointed out that Roorkee is a small city so this is not an issue. The later date is due to high rainfall and temperatures in the summer.

Northumbria, UK, bid presentation and Q&A – presented by Mel Sandells (MS). Budget estimates based on Montpellier participants characteristics. No early bird pricing, but higher cost for late registrations. Offering 6 x fully funded travel bursaries to be managed alongside SYSTA awards and managed by IAHS. University of Northumbria will underwrite any loss under extreme circumstances but designed to be cost neutral. Any excess budget used to subsidise contributors from FDCs. Has

deliberately not costed/promised hybrid in order to minimise registration fees and keep the in-person engagement. Delegates would pay PIAHS paper publications themselves, rather than being spread across all conference delegates. Conference dinner costs in addition to registration fees. Whole Assembly would be hosted in the Business School; max capacity of main lecture theatre is 400 people. No admin support costed into the budget – would be done by MS. Would hope to include other UK hydrologists and British Hydrological Society in the organising committee.

#### General discussion

Felt that all bids were very good and positive that they are all university hosted. Consider the geographical balance of IAHS meetings. IAHS SA held in Hyderabad, India, in 2009 and IUGG SA in Sapporo, Japan, in 2003. Two recent assemblies in Europe – SA in Montpellier, France, in 2022 and GA in Berlin, Germany, in 2023.

Outcome of votes (all 18 present and eligible votes cast): 61% Roorkee, 33% Nagoya, 6% Northumbria.

Break

### **3. IUGG2023 Assembly in Berlin** <https://www.iugg2023berlin.org/>

GFZ almost cancelled the GA due to increased financial costs from the venue following Covid. Therefore, head fees not included in the registration fees. IUGG has decided that will only pay subventions related to the GA to Associations if GA budget is in surplus, in contrast to previous practice. CC has pressed that payment of abstracts by bank transfer is possible. IUGG/LOC travel grants must be applied for through IUGG. IAHS will receive % of these grants in proportion to number of abstracts submitted from IAHS. Wed 12-Sun 16 July for IAHS scientific programme during GA. Thurs 13 July evening – Admin plenary. Sat 15 July evening – IAHS Scientific Plenary, ceremony and dinner. Earlier in afternoon have IAHS Forum presentations and networking for IAHS Commissions and WGs – important to improve transparency and inclusivity. If ECC want to organise early career-focussed workshops, they should contact CC by mid-Jan 2023. Commissions wanting to arrange meetings during the GA should let CC know by mid-Jan 2023. Small office for IAHS (10 persons) available.

1<sup>st</sup> IAHS Bureau meeting can be Mon 10 Jul am in GFZ room in person (or hybrid – but not a good time in the morning) or held fully online a few weeks in advance.

2<sup>nd</sup> IAHS Bureau could be held in person after the IAHS programme, either Sun 16 Jul evening or Mon 17 Jul am.

Panta Rhei closing workshop Mon 10 July pm and Tue 11 July.

### **4. Elections in Berlin** <https://iahs.info/About-IAHS/Officers/Election-of-Officers/>

Nominations panel is composed of Günter Blöschl (GB) (Chair), and Paola Passalacqua and Zongxue Xu (as VPs who are not running for election). Started on 11 September.

Call for nominations has gone to National Committees and to all IAHS members. National Representatives can nominate candidates from other countries. Nominations from Commissions must come from a consensus of the commission, not individual commission officers. Deadline for nominations is 11 Jan 2023 (6 months before the General Assembly). Candidates complete the form as an individual and send to the National Rep, but the nomination cannot come from the candidate and the National Rep can decide to not send it on. If there is no suitable candidate for commission officer roles, the Association President can nominate/appoint someone before or during Berlin. Candidates for all posts can be from any country, apart from the President-Elect who must be from an IUGG member country.

Voting on the list of candidates for both Association and Scientific Commission officers shall be by secret ballot during the Administrative Plenary at the IUGG General Assembly.

Voting in the Plenary Administrative Session shall be by countries, each country having one vote, with the provision that it has voting rights in IUGG at that time.

#### **5. Panta Rhei closing workshop in GFZ, Potsdam/Berlin**

Being organised by Heidi Kreibich (HK) (GFZ), with support from colleagues at GFZ and others. Room booked already at GFZ Potsdam, can easily travel from hotels in Berlin (~20 minutes). Programme will include presentation of the Panta Rhei book.

Questions: Will new IAHS decade be announced at the workshop (BA answer = official launch should be at IUGG as not everyone will attend the workshop but have an open and transparent procedure)? Will workshop have webpages in IAHS website (BA answer = yes)?

Berit suggested could have Johan Rockstrom as a keynote speaker similar to PUB closing session, and Heidi also suggested Hongtao Ren (social scientist) former head of IIASA.

#### **6. Next IAHS scientific decade, process, Cordoba workshop (documents and upcoming webpages)**

BA outlined the timeline for identifying the topic for the next IAHS scientific decade. This information is available on the IAHS website (<https://iahs.info/Initiatives/Scientific-Decades/>) as well as the on-line forum (<https://iahs.info/Initiatives/Scientific-Decades/HELPING/actions-for-the-next-decade/>) to promote a participatory and inclusive process. An in-person workshop to define the topic will be held 1-3 February 2023 at the University of Córdoba, Spain, hosted by Maria Polo Gomez (MJP) with a maximum of 80 persons. £20,000 GBP has been made available by IAHS for grants to allow hydrologists from FDCs and early career hydrologists to participate. MJP can organise the technicalities of online meetings if IAHS requires but BA said a hybrid approach would be a distraction and brainstorming works better in person but with interaction from outside via the forum. MJP is getting costs for social activities and seeking funding support for them. The local organiser will issue invitation letters for visa applications. MJP can provide a template for those requiring visa support letters to enter their details in order to generate a visa support letter. The deadline for registration and applying for grants is 15 December 2022. Invitation has gone to all IAHS members, with Bureau and WG officers prioritised. Possible splinter meeting at EGU to discuss the comments via the forum and then launch at the GA in Berlin.

#### **7. New working group on History of Hydrology – Details (document)**

Keith Beven presented the proposal for the new Working Group (<https://iahs.info/Initiatives/Working-Groups/History-of-Hydrology/>).

It was discussed at the June 2022 Bureau meeting in Montpellier, and a proposal was requested from the WG to present at this Bureau meeting. Feedback is solicited from the Bureau. A number of Bureau members expressed support for the WG and thanked Keith for the initiative. Attilio Castellarin (AC) suggested that there could be a special issue of HSI dedicated to the topic. Keith mentioned the history of hydrology was already well-documented in Europe and English-speaking countries, but this was an opportunity to gather histories of hydrology from other languages. China and Russia already have shown interest. Bureau members who can contribute to this effort are encouraged to contact Keith and to disseminate information about the WG in their networks.

CC noted that IAHS WGs can be set up by the Bureau.

New Commissions must be voted on at the IAHS Admin plenary at IUGG 2023.

BA thanked Keith for choosing IAHS.

## **8. New Commission on Dynamics of coupled human-water systems – Proposal (document)**

HK presented the proposal for a commission rather than just working group, explaining that it capitalises on the momentum of the Panta Rhei scientific decade, and has an emphasis on feedbacks in coupled systems. It will be a way of continuing engagement of social scientists, economists, etc. with the hydrological community.

Alberto Viglione (AV) asked about how the new commission would intersect with the existing International Commission on Water Resources Systems. BA proposed that there could be a meeting between the ICWRS and HK and other Panta Rhei leads to discuss synergies and complementarities between Commissions.

GB reminded the Bureau that concerns about overlaps with existing Commissions had been raised when ICSH was initiated, but it had not been an issue.

Salvatore Grimaldi (SG) suggested that a new Commission could have a “training period” before confirming a new Commission. GB responded that the new Commission had already had a 10-year training period through Panta Rhei.

MS was supportive, but suggested that IAHS might want to review the number of Commissions and consider whether there were any downsides of having a larger number of commissions (e.g. length of Bureau meetings). BA replied this is why the new workplan documents had been sent out.

GB proposed that the new Commission proposers have a discussion with relevant existing commissions and a proposal for the new Commission is presented for voting at the IAHS Admin Plenary in Berlin in July 2023.

Xiaohong Chen suggested that the existing IAHS Commissions could be refreshed to align with the next IAHS scientific decade. The action agreed was that the new Commission proposers have a discussion with relevant existing commissions and, if all goes well, a proposal for the new Commission is presented for voting at the IAHS Plenary in Berlin in July 2023.

## **9. Falkenmark Award – Implementation <https://iahs.info/About-IAHS/Competition--Events/Falkenmark-Award.do>**

BA reminded the Bureau that the Falkenmark Award for the best PhD thesis from a FDC had been proposed at the June 2022 Bureau meeting. There was a query about the language of the PhD thesis, that had been discussed and resolved. Nominations for the Falkenmark Award are now invited with a deadline of 31 December 2022. The first award will be presented at IUGG in Berlin in July 2023. Malin Falkenmark would be happy to join online the presentation of the first award as she is now 98 years old. Hubert Savenije (HS) supported the award as a great initiative by IAHS.

## **10. Digital Water Globe – Development**

BA reported that there had not been any developments since the Scientific Assembly in June 2022. A questionnaire had been circulated for feedback on the existing content and usability of the DWG website as it stands. 25 responses were received. Overall, responders found the DWG easy to navigate and the content about right. BA will summarise the free text responses to the questionnaire in the regular reports from SMHI to IAHS Ltd. BA explained that IAHS members will be able to upload content to the DWG in March 2023. Commissions and WGs should start preparing materials using the templates for upload themselves rather than sending to SMHI. GB asked whether there will be an option to visualise data in the DWG. BA replied that there was not enough funding for this in the current release but will link to other sites. However, SMHI will look at interlinking different types of content (e.g. case studies and personal profiles) in response to feedback. DWG will launch at the General Assembly.

## **11. IAHS management : actual and new procedures**

BA talked about increasing transparency and inclusiveness in IAHS, and referred to new pages on the IAHS website about the IAHS vision, mission, core values, etc.

<https://iahs.info/About-IAHS/about-iahs/>

<https://iahs.info/About-IAHS/Officers/Election-of-Officers/>

BA mentioned plans to devise more specific roles for the IAHS VPs, which would make more of a management team and help reduce the workload for the Secretary General including:

- Outreach, community building, communication, and enhanced regional engagement.
- Collaboration with UN organisations & partners, manage medal committees & provide awards.
- Editor of the under-development Digital Water Globe, scientific editor of PIAHS, convening of sessions and events.

## **12. New website under development**

IAHS Communications Officer (Tarry Payne, TP) appointed, part-time (15 hours per week), has been working on the new IAHS website with Samui. TP demonstrated the website under development and explained the rationale behind it. BA requested Bureau members to send in images to use on the website. There was positive feedback from the Bureau about the new website, particularly that the appearance had improved considerably.

## **13. Workplans: tour de table based on documents received**

BA emphasised that the workplans should focus on activities together, e.g. within the Commissions and WGs, rather than individual activities. Because of lack of time, BA will contact Commissions/WGs with feedback on the workplans and request them where they had not been submitted. BA invited any feedback from the Bureau about the reporting process and the templates.

Some Commissions reported that they found it difficult to respond to the template reports, as many of their activities were scientific organisation activities, rather than doing novel science within the Commissions. Recognition that a more homogeneous reporting is needed but the templates need work with different questions. BA responded that the workplan could include Commissions working on review papers and/or organising sessions at scientific assemblies. The Commissions could suggest changes in the template text.

Jean-Marie Kileshye (JMK) said that it is useful to see the planning by each Commission but asked how planning between Commissions could be captured as many aspects are covered by joint events. JMK also asked how progress in achieving the plans would be monitored. BA responded that in the next report the progress would be reported against the workplan.

BA and GB noted that the templates had generated good discussion about the roles of the Commissions and that this should continue.

## **14. Relationships with partners**

a. Committee for Africa – HS gave an overview. Committee set up in 2017 and was initially chaired by Gil Mahé. HS is now the temporary chair until a new chair is located. Would like to expand Committee membership with more members from Africa. The Committee has strong links with FRIEND and WaterNet. Planning an unofficial event at IUGG in Berlin in July 2023.

IAHS organising meeting in South and Central America, to be held in Florianopolis, Brazil, in early March 2023. Organised by GB and Pedro Chaffe with IAHS acting as an umbrella organisation to bring together hydrologists as there is no hydro association for the continent. National Reps invited from countries in Central and South America plus other invitees. The focus of the workshop will be UPH in Central and South America.

b. IUGG, ISC and other NGOs.

IUGG officer elections will also be held in Berlin in July 2023. No candidates for the IUGG SG role.

ISC – CC contributed to paper on Open Science that has been published in HSJ.

EGU – AV and HK hold EGU roles, so make sure to align relevant activities with IAHS. BA noted that Maria-Helena Ramos from EGU can help with booking rooms for new IAHS decade splinter events during EGU 2023.

c. UN organizations: UNESCO, WMO, UN Water, UN Conference

**UNESCO:** Several UNESCO Chairs amongst IAHS Officers, e.g. Fernando Nardi, David Hannah, so opportunity for some joint IAHS-UNESCO activities. CC requested that all IAHS Bureau members keep him informed of UNESCO activities.

**WMO:** IAHS has representation on WMO panels, e.g. HydroHub, and has been involved in the design of the new WMO research strategy. CC noted that WMO always provides financial support to IAHS SAs and to IAHS programme at General Assemblies. WMO and UNESCO also sponsor the IHP.

**IAEA:** interaction intermittent. Currently some interaction with GB and Christine Stumpp.

**UN Water:** Communicates with BA and CC. IAHS makes contributions to UN World Water Development Reports, but the process is fragmented. UN World Water Quality Alliance (WWQA) started ~3 years ago. CC and Kate Heal engaged and forward relevant opportunities as they arise, but funding and activities strongly biased towards particular organisations.

**UN Water Conference 22-24 March 2023, UN Headquarters, New York:** BA, Wouter Buytaert, SG and CC have input suggestions to shape the conference agenda. Call for side events in the UN Building has just been launched. The call will be very competitive as rooms are limited at UN HQ, but could arrange side events in New York around the time of the conference. IAHS might partner with other organisations to lead side events.

## 15. Closure

				CML/0123	
Attendees				voting rights	Attended
IAHS	Past President (PP)	Günter Blöschl	Austria	1	1
	President (P)	Berit Arheimer	Sweden	1	1
	Vice President (VP)	Salvatore Grimaldi	Italy	1	1
	Vice President	Zongxue Xu	China	1	1
	Secretary General	Christophe Cudennec	France	1	1
	Treasurer	Kate Heal	UK	1	1
	HSJ Editor-in-Chief	Attilio Castellarin	Italy	1	1
	HSJ Co-Editor	Stacey Archfield	USA		1
	HSJ Co-Editor	Aldo Fiori	Italy		1
	Honorary VP	Dan Rosbjerg	Denmark		1
IAHS Office	Company Secretary IAHS Ltd	Helen Houghton-Carr	UK		1

	Chair IAHS Ltd	Kate Heal	UK	1	
	Executive Secretary	Claire Lupton	UK		1
	Communications Officer	Tarryn Payne	UK		1
ICCE	P	Paolo Porto	Italy	1	1
	VP	Allen Gellis	USA		1
	Secretary (S)	Sergey Chalov	Russia		1
	Early Career Commission (ECC)	Anatoly Tsyplenkov	Spain		1
ICCLAS	P	Richard Petrone	Canada	1	1
ICGW	PP	Aldo Fiori	Italy	1	
	VP	Daniele Pedretti	Italy		1
ICRS		Maria Jose Polo Gomez	Spain	1	1
ICSH	P	Elena Volpi	Italy	1	1
	VP	Svenja Fischer	Germany		1
	VP	Chris Kochanek	Poland		1
ICSIH	P	Melody Sandells	UK	1	1
ICSW	VP	Ernest Amoussou	Bénin		1
	VP	Alain Dezetter	France	1	1
	S	Yonca Cavus	Turkey		1
	ECC	Moctar Dembélé	Ghana		1
ICT	P	Zhonghe Pang	China	1	1
		Maki Tsujimura	Japan		1
ICWQ	Co-P (23-25)	Xiaohong Chen	China		1
	Co-P (21-23)	Elango Lakshmanan	India	1	1
	ECC	Bertil Nlend	Cameroon		1
ICWRS	P	Barry Croke	Australia	1	1
	VP	Jean-Marie Kileshye	Congo / Zimbabwe		1
	S	Alberto Viglione	Italy		1
	ECC	Chris Leong	Japan		1
Panta Rhei		Heidi Kreibich	Germany		1

ECC		Michelle Newcomer	USA	1
MOXXI		Flavia Tauro	Italy	
CandHy		Fernando Nardi	Italy	1
Guests	IIT Roorkee	Ankit Argawal		1
	Japan -Nagoya	Shinichiro NAKAMURA		1
	Japan -Nagoya	Tetsuya HIYAMA		1
	Japan - Tokyo	Taikan OKI		1
	HSJ Co-ed	Konstaninos Soulis	Greece	1
	HSJ Co-ed	Riddhi Singh		1
	Africa Committee	Hubert Savenije		1
	History of Hydrology	Keith Beven		1