



IAHS Bureau Meeting, 17 July 2023

Agenda

Chair: President Berit Arheimer (BA)

Secretary General: Jean-Marie Kileshye Onema (J-M KO)

Convening time: 9:30- 12:00

Venue: R2 City Cube, Berlin, Germany

1. Opening – Welcome remarks and apologies

BA opened the meeting and welcomed all participants.

2. Tour de Table

3. Adoption of the agenda (Doc-03-BUR170723- Agenda)

KH suggested having an agenda item on EDI to follow up on the momentum and discussion of EDI at the 2022 IAHS Scientific Assembly. It was agreed to have EDI item on the agenda for the December 2023 Bureau meeting when Stacey Archfield would report back on EDI progress.

4. Introduction of new officers (Doc-04-BUR170723-Officers)

J-M KO explained that all new elected IAHS Commission officers assumed position now, apart from the President-Elects who will take up office at the next IAHS Scientific Assembly in 2025. Only the President from each Commission can vote at Bureau, but if they are not present another Commission officer can vote instead. Representatives were present at the meeting for all Commissions, Working Groups and Regional Committees apart from ICGW and ICHWF. There was a discussion about whether ECC representative on each Commission is an officer or not. The statutes show that they are not but maybe this needs to be considered at a later meeting.

5. Expectations and roles of bureau members (Doc-05-BUR170723-Governance)

6. Work plan Templates (Doc-06- BUR170723-Templ 01, Doc-06-Templ 02, Doc-06-Templ 03)

BA explained the workplan for reporting by Commissions, Working Groups and Committees. It was emphasised that reports should be about collaborative activities, rather than being personal CVs. The activities expected of Commissions, Working Groups and Committees to report on in the workplans were outlined by BA and SG.

1) Organize IAHS-badged Commission meetings in the years between Scientific and General

Assemblies.

- 2) Submit papers to HSJ (e.g. synthesis papers arising from Commission meetings/workshops or community paper) since HSJ is the main source of income to IAHS to support IAHS activities, such as the SYSTA scheme.
- 3) Add content to the IAHS Digital Water Globe.
- 4) Contribute to the new Scientific Decade
- 5) Any other information.

J-MKO reminded Commissions that workplans should be submitted before the December 2023 Bureau meeting.

7. Appointment of Chairs of working groups and Committees (Doc-07-BUR170723- WG and Com.)

SG explained the proposed changes in the Chairs for the MOXXI and CANDHY Working Groups. Salvatore Manfreda is proposed for MOXXI and Wouter Buytaert for CANDHY. GB noted that approval is needed for the continuation of the MOXXI and CANDHY Working Groups as they are temporary for a period of 4 years. SG made the case for the continuation of the MOXXI and CANDHY Working Groups. It was agreed that the MOXXI and CANDHY Working Groups are re-established and the proposed Chairs are appointed by the President.

GB explained that the officers for the Regional Committees are decided within the Committee, and not appointed by the President or voted by Bureau. For the Latin America Regional Committee the President is the organizer of the annual meeting, and therefore rotates annually. The President, James McPhee, is supported by a management team (Graciela Herrera-Zamarrón, Pedro Chaffe, Günter Blöschl). The Africa Regional Committee new President will be Hodson Makurira, VP Bertil Nlend and Secretary Moctar Dembélé.

The Early Career Committee (ECC) is now chaired by Moctar Dembélé as Michelle Newcomer has stepped down to become President of ICGW. MD explained the workings of the ECC, with regular online meetings that were used recently to design the successful ECC workshops run during the 2023 IUGG General Assembly.

GB presented the roadmap for the new Working Group in UPH, including the proposed leadership of the Working Group to represent different world regions (Ankit Agarwal, Long Yang, Pedro Chaffe, and a member from Africa to be appointed). The rationale for the leadership composition is to be able to address the UPHs in regional contexts. Liaison will take place the Regional Committee for Africa to identify a representative from Africa for the leadership team. The activities and planned outcomes of the Working Group were presented. Ann van Griesven (AvG) recommended that there is a link with UNESCO IHP, which is very interested in the UPHs. GB can provide this link as the IHP representative for Austria. The IAHS President approved the appointment of the proposed leadership of the Working Group in UPH.

Keith Beven reported verbally on the recent and planned activities of the Working Group on the History of Hydrology. Over 90 members have signed up for a mailing list. Six activities are being conducted as described on the Working Group's webpages <https://iahs.info/Initiatives/Working-Groups/History-of-Hydrology/>. A Special Issue of HSJ is planned. Those interested in contributing to the Special Issue should email a paper title and abstract to Keith Beven. BA asked for clarification about the time period of the History of Hydrology. KB replied that it goes from 3000 years ago to hydrologists that have died recently.

8. IAHS academy (Doc-08-BUR170723-IAHS academy)

SG explained the proposal for the IAHS Academy summer schools. The format has been used successfully in summer schools run by IAHS Bureau members. The format for the summer school would be 1-week long for ~25-30 early career scientists. The mornings would cover theory, and there would be practical work in the afternoons, with all participants presenting a project on the final day. The Director of Hydrology, Water and Cryosphere at WMO (Stefan Uhlenbrook) is very interested and supportive of the proposal so it may be possible to obtain funding support from WMO. The plan is to run the summer school at a different location every 2 years in between General and Scientific Assemblies. SG proposed an IAHS Academy Committee or Working Group to run the IAHS Academy with the following composition: Chair = Fernando Grimaldi, Vice-Chairs = Chair of the ECC, IAHS VP Fuqiang Tian, representative of UNESCO WMO = Stefan Uhlenbrook. The output from each summer school would be a report.

SG explained the business model for the IAHS Academy. Some participants could be funded through the SYSTA scheme. The IAHS Academy would be financially self-sustaining through registration fees paid by participants. The expenses for the contributing lecturers would be covered by the registration fee. Space with no charge would be sought for the summer school to be taught in a University / other institution.

GB supported the proposal and noted that other IAHS members organize summer schools, e.g. PUB summer school. Mel Sandells suggested that the summer schools are held in FDCs and that the Committee also consider offering the summer schools in hybrid format with online participation from regional hubs. BA suggested that a programme for the location of summer schools should be planned so that participants can anticipate when they can engage best. She also suggested that the materials could be made available online. SG emphasised that in-person attendance was a key feature of the summer schools in order to develop a community of early career hydrologists. Sergey Chalov shared the experience of ICCE in running online seminars during 2021.

SG explained the benefits of the IAHS Academy. It was suggested that participants would receive a certificate quantifying the hours and content of the summer school attended. Hodson Makurira asked about the definition of early career scientists for participation at the summer schools. SG responded that although the IAHS Academy is targeted at PhD students, recently finished PhDs and postdocs, it would be flexible so participants who were not early career could still attend. Participants applying for SYSTA awards would need to meet the SYSTA scheme criteria. Chris Leong requested that in designing the summer schools attention is paid to lessons learned from running similar schools in the past (e.g. IHP ran summer schools in Africa for 2 years, but then the programme stopped). Topics were suggested for including in the summer school programme, e.g. reviewing papers to support HSJ, and science communication. AvG suggested that there should be interaction with UNESCO-IHP regional committees. J-MKO noted that the proposal is aligned with the outcomes of the UN Water Conference 2023 for capacity building and data needs. He also offered partnership for the Academy with existing WaterNet summer schools. KH explained in more detail the financial model for the IAHS Academy in that it would be self-sustaining and participants funded by SYSTA could be accommodated within the existing SYSTA funds.

The proposal was approved by Bureau, with the first summer school planned for 2024 in Africa. SG invited Bureau members to send proposals for the summer school content to SG and MD.

9. Digital Water Globe (Management and editors)

BA requested all Bureau members to add a personal profile to the Digital Water Globe. She will email all Bureau members a reminder to do this. A pdf of instructions will be sent. BA explained the management structure for the DWG. Each Commission, Working Group and Committee is requested to nominate a representative to be a DWG Associate Editor to: encourage addition of content to the DWG, promote the DWG, approve draft content for upload, and contribute suggestions to the DWG Co-Editors for development and improvement of the DWG entries. BA will email each Commission, Working Group and Committee to find their nominations for DWG Associate Editors. BA asked KH to explain the DWG Co-Editor roles. KH referred to the DWG management Paper presented to the December 2022 Bureau meeting that is now being implemented. The proposed management structure of the DWG is similar to the that of HSJ. There will be two Co-Editors who are responsible for promoting the DWG within IAHS and to other water stakeholders, attracting content to the DWG, guiding the DWG Associate Editors, and reporting annually on the DWG to IAHS Bureau and the DWG Steering Group. BA mentioned that there are 2 individuals interested in the Co-Editor role who she will speak to more about the role. There may be an open call for Co-Editors, whose term would be for 2 years in a similar role as for the IAHS Scientific Decade.

10. HELPING

BA explained the timeline for the development of the HELPING Scientific Decade. A call has just been opened for further working groups, with the deadline for sign up to working groups of 15 September. Then the working groups will be consolidated with steer from the IAHS Management Team, with an open online workshop planned for mid October on the consolidated working groups. After this, revised descriptions would be prepared for the working groups and workplans identified. The HELPING strategic plan and setup would be presented at the December 2023 Bureau meeting. A leadership team for HELPING will be identified, with a leader for each HELPING theme. Fuqiang Tian recommended that scientific questions should be identified for each working group and workplan. KH asked how the HELPING theme leaders will be identified. There will be an open call by eNews for self nominations to lead one of the three HELPING themes. Bureau members should encourage suitable IAHS members to self-nominate. It was identified as a good opportunity for early career scientists to demonstrate and gain scientific leadership experience. The current chair of HELPING is the IAHS Management Team through the President.

11. Partnerships (WaterNet, UNESCO, WMO, IAEA, UN Water, UN Conference)

CC reported on interactions between IAHS, IAHS Commissions and international partners. Tangible examples of the outcomes of these interactions were presented. They include PIAHS volumes from the 2021 Large Rivers of Africa IAHS-FRIEND meeting, IAHS contribution to science-informed assessments of water resources targeted for policy makers arising from the 2023 UN Water Conference, and contributions to new WMO HYDRO-SOS project and the WMO-led annual report "State of Global Water Resources". CC also reported that he has been reappointed for the next 4 years as the IUGG liaison officer with WMO and with UNESCO-IHP.

J-MKO reported on IAHS-WaterNet interactions. Hubert Savenije is on the organising committee for the 24th WaterNet/WARFSA/GWP-SA Symposium to be held in Zanzibar, 25-27 October 2023. IAHS also provides a donation to support ~10 early career scientists from southern Africa to attend the Symposium.

12. Feedback from the IUGG Assembly

GA fed back on an exciting science presentation by an early career scientist that challenged our assumptions of land cover effects on storm event characteristics. Dan Rosbjerg asked why there

were no PIAHS volumes associated with the IUGG General Assembly. As previous Editor of PIAHS, CC explained the change from Red Books to PIAHS in 2015. It was noted that engagement of conference organisers with PIAHS was variable; some engaged but others did not. The costs of PIAHS publication can be built into conference registration fees. Because of this additional cost, PIAHS volumes have not been associated with the last two General Assemblies because the registration fees are already high. For the 2022 IAHS Scientific Assembly no Commissions expressed interest in leading PIAHS volumes. Therefore a different approach was taken with CC leading 1-2 PIAHS volumes. CC reported that it had been difficult to find reviewers for the PIAHS papers, including amongst IAHS members and officers. Therefore the submissions were reviewed by one member of a reviewing committee of 8 people, with one external review of each paper. 100 papers are in production with publication anticipated in September 2023. Discussion is ongoing with the LOC for the production of PIAHS volumes from the 2025 Scientific Assembly. CC also reported that there is ongoing discussion with HSJ about a possible cascade model of papers rejected from HSJ to PIAHS in order to create more regular publication of PIAHS (e.g. 6 volumes a year) and enable an impact factor.

Moctar Dembélé reported on the ECC workshops run during the IUGG General Assembly. Contributors to the workshops were thanked. Statistics were provided as follows on the workshops from participants who signed the attendance list.

ECC Workshop	Number of participants
Workshop 1: R for System Modelling and Uncertainty Estimation	47
Workshop 2: Successful Scientific Communication & Storytelling	57
Workshop 3: Leveraging Non-traditional Research Data: Advances and Perspectives	23*
Workshop 4: Big Data and Machine Learning	49

*Lower number of participants attributed to occurring at the same time as ice cream during poster session

Participants were 58% male, 38% female, and the remainder non-binary or did not declare. 85% of participants were early career scientists. The Bureau thanked the ECC for running the very successful workshops.

13. 2025 Scientific Assembly to be held at IIT Roorkee, India, 5-10 October 2025:

- a. New format (**Doc-13 a-BUR170723-New format**)
- b. Scientific programme

SG presented the proposal to test a new format for the IAHS Scientific Assembly in 2025. The aim is to differentiate the programme offered by IAHS from that of AGU and EGU that focuses on specialist themes within hydrology, and to increase the quality of the science and presentations and synergy within hydrology. The proposed format is one plenary – no parallel sessions. There would be regular science talks of suggested by the Commissions, and 1-minute (2 slides) flash presentations by early career scientists, plus videos of presenters explaining their posters that would be posted online. Talks would be grouped by topic. This format has been trialed successfully during STAHY conferences. This format would avoid some of the difficulties in the current procedure for setting the scientific programme for Scientific Assemblies that involves Commissions coming up with session themes and identifying convenors. SG suggested that Commission Officers should not give presentations, but chair sessions.

Fuqiang Tian supported the proposal. He proposed that there should also be lectures associated with the

IHP medals and this was agreed. SA supported the proposal on behalf of the HSJ Editorial team. Xiaohong Chen expressed concern that there would not be in depth scientific discussion in a single-session plenary format. Gökçen Uysal expressed concern that in some countries, conference attendance was only supported if the attendee gave an oral presentation. SG responded that the flash presentations would be counted as oral presentations so that this criterion can be met. Archana Sarkar asked if the posters can be included in the 100 PIAHS papers planned from the 2025 Scientific Assembly. The answer was yes.

14. Date of the next meeting (First week of December)

An additional item at the end of the meeting requested by the President was the presentation by the Treasurer of the latest IAHS budget estimates for 2023 and 2024. The Treasurer presented this to Bureau taking into consideration the funding support requests for the two new Latin American and African Regional Committees approved at the IAHS Administrative Plenary on 12 July 2023. The Treasurer explained that, whilst IAHS has a healthy balance of funds at the moment, the capacity to hold a reserve to cover all IAHS expenditure for 1 year (if income was to cease) would be eroded if all the expenditure and grant awarding activities in 2023 and 2024 were realised. The Bureau voted that grant awarding activities and funding for Regional Committees need to be reviewed on a year-by-year basis when year-end actual expenditure is known.

Berlin 2023 – 2nd bureau

	Position	Name	Nationality / Residence		attended 2nd bureau	voting
IAHS	P	Berit Arheimer	Sweden	Berit.arheimer@smhi.se	1	1
	PE	Salvatore Grimaldi	Italy	salvatore.grimaldi@unitus.it	1	1
	3 VPs	Christophe Cudennec	France	christophe.cudennec@gmail.com	1	1
		Archana Sarkar	India	archana.nihr@gov.in	1	1
		Fuqiang Tian	China	tianfq@tsinghua.edu.cn	1	1
	SG	Jean-Marie Kileshye Onema	Congo Rep. / South Africa	jmkileshye-onema@waternetonline.org	1	1
	T	Kate Heal	UK	Kate.heal@ed.ac.uk	1	2
ICCE	PE	Sergey Chalov	Russia	srchalov@geogr.msu.ru	1	1
ICCE	VP	Peter Molnar	Slovakia/Switzerland	peter.molnar@ifu.baug.ethz.ch	1	
ICCLAS	ECC	P. James Dennedy-Frank	USA	pjdf@lbl.gov	1	1
ICRS	P	Amir AghaKouchak	Iran/USA	Amir.a@uci.edu	1	1
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ICSIH	S	Timothy E. Link	USA	tlink@uidaho.edu	1	

ICSIH	ECC	Anna-Marie Jorss	Germany	amjoerss@gmx.de	1	
ICSW	3 VPs	Ernest Amoussou	Bénin	ernestamoussou@gmail.com	1	1
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ICWRS	P	Barry Croke	Australia	Barry.croke@anu.edu.au	1	1
	PE	Pedro Chaffe	Brazil	pedro.chaffe@ufsc.br	1	
	ECC	Chris Leong	Fiji/Japan	chris@chikyu.ac.jp	1	

Newly created ICHWF:

President: Heidi Kreibich heidi.kreibich@gfz-potsdam.de

Vice-President: Anne van Loon anne.van.loon@vu.nl

Vice-President: Saket Pande s.pande@tudelft.nl

Vice-President: Tobias Krüger tobias.krueger@hu-berlin.de

Secretary: Melissa Haeffner melh32@pdx.edu

History of hydrology	Keith Beven	1	
UPH	Gunter Bloschl	1	
RC Africa	Moctar Dembele		above
RC Latin America	Pedro Chaffe	1	
total		29	