

# Draft

## International Association of Hydrological Sciences Bureau Meeting Sapporo, Japan 9am, 6 July 2003

Present

H Demuth ICSW	G Jones ICSI	A Pietroniro ICRS	J Schaake PUB
C. Gardner IAHS Press	E Kontar CGSI	D Rosbjerg ICWRS	M Sivapalan PUB-SSG
A Gustard ICSW	Z Kundzewicz Editor	A Schumann ICWRS	J Steenvorden ICWQ
S Franks ICASVR	C Leibundgut ICT	W Summer ICCE	C Vorosmarty ICASVR
A Hall Gewex	C Onstad Treasurer	K Takeuchi Pdt	Des Walling IAHS Ltd
P. Hubert SG	J Peters Nom Panel	N Tase ICGW	

Apologies: John Rodda (Past President)

### 1. Opening

The meeting was opened at 09:10 by K. Takeuchi

### 2. Deciding Agenda

The proposed agenda is adopted

#### 8.1 PUB (Prediction in Ungauged Basins) Initiative

M. Sivapalan (MS), supported by S. Franks (SF), was invited to make a presentation on PUB developments, in addition to this presentation, a meeting and open forum after the IAHS Plenary (Monday 7 July), as well as a two-day workshop were scheduled during the week.

MS briefly presented the Science and Implementation Plan, emphasizing the structure and that it should be viewed as an evolving plan that would be a guide for at least the next two years of PUB's development. He requested that the Bureau give its approval to the plan, or an amended version, at Sapporo so that the PUB initiative could move forward, in particular with publication of the science implementation plan in *HSJ*.

It was announced that John Shaake had accepted the Chair of the PUB Science Advisory Group (SAG). Membership of the Science Steering Group (SSG) would undergo renewal with time as the aim is that scientists working on PUB should become part of the executive process (bottom-up approach). MS proposed that PUB should be represented on the IAHS Bureau by the SSG Chair and three other members.

Discussion focused on several points:

It was proposed and agreed that MS should report to the second Bureau meeting (11 July 2003) which would allow the benefit discussion during the week.

The plan was described as an excellent document and MS complemented on preparing it.

A. Gustard expressed concern regarding the balance between PUB and the Commissions within IAHS. If PUB was anticipated to represent much of IAHS activity in the next 10 years, then the Commissions must not be by-passed as a consequence. Concern was particularly related to ICSW. Already PUB had attracted a lot of publicity, but this could be at the expense of the Commissions.

SF stated that it was not yet possible to anticipate the % of IAHS activity that PUB would form. However, the amount of activity would relate to initiatives from the Commissions, as well as the grass-roots. MS stated that the Commissions should be represented in PUB and their contributions would be welcomed – the aim was for a cross-cutting programme.

C Vorosmarty (CV) queried where will funding come from. The intention was that participants would use the PUB recognition as a lever in obtaining funding from sources within their own countries but he suggested possibility of a PUB Executive Director to crank the funding wheel was proposed, but would in itself require funding.

It was agreed that MS would report to the Bureau on 11 July.

**Action M. Sivapalan**

#### 4. Election of IAHS Bureau and Commission Officers

NE Peters (NP) reported on behalf of the nominations panel, noting that ICCE, ICSW and ICRS had setup their own nomination groups and forwarded the nominees' information to the panel. He commented that in many instances there was only one candidate for nomination, which was unfortunate.

He proposed that a ballot sheet listing all candidates for all Bureau and Commission posts be distributed to all national representatives at the IAHS Plenary (7 July), and returned to him by Wednesday (9 July) afternoon, before the Commission plenaries.

Two Commissions (ICASVR and ICT) had not submitted details of candidates before the 31 December 2002 deadline, but suggested that the information be accepted although late.

How to handle a tie in the ballot was raised, and the need for an independent teller.

It was agreed that NP should explain the voting process at the IAHS Plenary. **Action NE Peters**

KT thanked NP for his efforts

Alternative voting procedures were briefly raised but dismissed as it would take some 8 years to alter the Statutes and By-laws to enable another process to be adopted. A pragmatic approach to the situation of ICASVR and ICT was agreed upon.

A request for Commissions and the Bureau to be more pro-active in selecting candidates for election next time round was made, but it was also noted that IAHS' success was not a reflection of the number of nominees as the process was intended to achieve balance. **Action All in 2006/07**

A Hall (AH) reminded the Bureau that in Maastricht (July 2001) it had been agreed that there should be an examination of the structure and Commissions of IAHS. It was agreed that AH, D. Walling (DW), D. Rosbjerg (DR) and NP should come up with a renewal process for the next Bureau meeting. **Action AH, EW, DR, NEP**

#### 5. Report of IHP and Tison Award

##### International Hydrology Prize

There had been four nominations for the Prize. A panel comprising Lars Gottschalk, Andras Szöllösi-Nagy (representing UNESCO) and Avinash C. Tyagi (representing WMO). It was noted that, although in the past a nomination had been refused as the individual was currently a serving IAHS officer, such was not part of the regulations.

##### Tison Award

Z. Kundzewicz (ZK) reported that, in the absence of details in the regulations for the Tison Award, a panel had been formed to review the nominated papers, comprising the editor (who chaired the panel, a member appointed by the President (A.W. Jaywardena) and a third member appointed by the Secretary General (M.L. Kawas). His recommendation that this structure be used again was accepted.

Three papers had been nominated and it had been decided to make the award to Oki and his co-authors for:

*Global assessment of current water resources using total runoff integrating pathways*

Taikan Oki, Yasushi Agata, Shinjiro Kanae, Takao Saruhashi, Dawen Yang & Katumi Musiaka

In: *Can Science and Society Avert the World Water Crisis in the 21st Century?* *HSJ* (2001) vol. 46(6), pp. 983–995.

Five of the six authors are under 41. The US\$1000 would be divided between them, but each would receive a year's free subscription to *HSJ*.

PH lamented the lack of nominations for the Tison award in the previous year. It was emphasized that papers in any IAHS publication were eligible for consideration. **Action all Commissions and book editors**

#### 6. Reports from UNESCO, WMO and IAEA representatives.

The absence of any representatives was regretted (all had been invited) but it was noted that relationships with these organizations was good and that a UNESCO representative (G. Arduin) would be present for the Plenary and second Bureau.

The large financial contribution from WMO to provide for travel grants was acknowledged.

#### 7 Reports from IAHS Officers

The reports were (mostly) available at the IAHS website; only discussion is reported here.

## 7.1 President's Report

It was Regretted that despite Gordon Young's (former SG) efforts regarding WWAP (World Water Assessment programme), WWAP did not come to IAHS for opinions. The possibility of IAHS contributing in the form of case studies (and in the same spirit contributing to IPCC work) was raised, e.g. with a Red Book, or *HSJ* issue. CV mentioned that the Global Water Sustainability Programme, part of the Earth Systems Science Project, wanted to affiliate Associations. He agreed to distribute information about the programme and the Portsmouth (NH, USA) meeting.

### Action CV

W Summer (WS) noted that UNESCO IHP also included activities regarding reservoirs, and that the ecohydrology initiative of IAEA should include ICCE as well as groundwater interests. IAHS would like to be involved on the steering committee

### Action SG

It was noted that KT had maintained links with UNESCO, whereas the SG had largely been responsible for links with WMO. This division of tasks was convenient given their respective background links with these organizations.

AH thanked KT for his report.

The absence of a collective discussion as to what should be the policy that IAHS promotes was considered and President asked to canvas opinion among the Commissions. IAHS' identity as involved in hard science was noted but the need for contact with policy makers was emphasized (cf. the more specific lobbying functions of organizations such as ICOLD)

### Action President

## 7.2 Secretary General's report

Three main topics: (a) SG's aim to increase IAHS presence, especially in India and S. America; (b) the next IAHS Assembly in Brazil (Foz de Iguassu); (c) the IAHS website; and also mention of IAHS' membership of the World Water Council (WWC).

Discussion covered: Making best of use of limited IAHS resources; distractions and over reach should be avoided.

A commitment from everyone to have Commission reviews ready in a month was made.

**Action SG to provide list of information required, AH *et al.* to assess procedure.**

E Kontar claimed that there was no reference to the joint IAPSO/IAHS Commission on Groundwater–Seawater interaction in any recent IAHS publicity what the SG denied.

## 7.6 Treasurer's Report

The Treasurer was asked to clarify several points:

The IAHS meeting "head tax" is not mandatory but should apply wherever a Red Book is published. There was no tax (or registration fee) for the 2002 Brasilia PUB workshop.

IAHS funds are held in four UK accounts (Lloyds TSB) and three USA (Bank of America).

The President (in consultation with the SG and Treasurer) decides how IAHS funds should be spent on special projects, e.g. travel for the Hydrology 2020 group and for PUB.

It was noted that travel by the President and Treasurer was funded by their employer institutions; travel and secretarial expenses for the SG were funded by the Association.

The apparent generosity to PUB was noted. Funding for Commissions' activities often came through the employing institutions but all requests would be considered, especially requests for seed money for setting up meetings. It was noted that the total funds available were small, less than US\$40,000.

CV suggested that IAHS might raise additional funds from charitable trusts, etc. if a concerted effort was made to approach and apply for them.

## 7.5 IAHS Press

C. Gardner presented the report. The need for a new Handbook was considered. The meeting agreed that the Statutes and By-laws should be published at the website, but that a brief leaflet describing who is who and the activities of the Commissions should be produced.

### Action C. Gardner

## Electronic Publishing

ZK presented the report on electronic publishing of *HSJ* and proposed that volume 50, which will come out in 2005, should be published as both electronic and hard copy. It was proposed that the second Bureau should discuss the issue at the end of the week.

## 3. Local Organizing Committee

Prof. Makoto Tani briefly addressed the meeting reporting that although 400 persons had expressed an interest in the meeting, 109 had yet to pay, so fewer than 400 were likely to attend. He invited everyone to visit the poster display by the Japan National Committee. The Bureau expressed its thanks to M. Tani and the Japan IAHS National Committee for their organization and hospitality.

#### **7.4 IAHS Ltd**

E. Walling (Chair IAHS Ltd) presented the report. He particularly expressed thanks to F. Farquharson for his efforts as Secretary and Financial Comptroller of IAHS Ltd. The large financial contribution of the UK Government Department for International Development (DfID) was noted. AG remarked on the lack of interest from Commissions in making cases for use of the DfID funds. An initiative from ICSI (training workshops) had used funds. As DfID is undergoing re-organization there is no immediate need for bids but in 6 months time there will be opportunities. Any requests should focus on poverty alleviation in developing countries and include evidence that the government and relevant organizations in the initiator's own country have been approached.

**Action All Commissions to consider applications for funds to support activities happening after September 2004, and submit to AG by April 2004.**

#### **7.5 Task Force for Developing Countries**

In the absence of L. Gottschalk, CG reported that through TFDC, *HSJ* and many other publications were distributed to 72 libraries and other institutions in developing countries.

#### **8. Reports from Commissions and WG**

Each Commission was requested to, and provided a three minute (or shorter) account of the main points in their published reports.

**ICSW:** AG A key proposal was that at Foz de Iguassu there should be a one day workshop presenting initially (say in the morning) the objectives, structure, and interrelations between the various international programmes: PUB, HELP, GEWEX, FIREND, etc., and then the science of these programmes, structured by the science, ending with discussion on how to link to the programmes.

**ICGW:** NT The next two meeting in these ModelCARE and Groundwater Quality series were already planned. Links to PUB were for discussion.

**ICCE:** WS

**ICWQ:** JS

AG suggested a joint ICWQ/ICSW workshop on hydrology and health. DfID would be likely to support such.  
**Action AG to liaise**

**ICWRS:** DR

**ICRS:** AP

**ICT:** CL Anticipated that tracers could have a defining role in PUB.

**ICASVR:** CV In light of requests to change from ICASVR, KT requested a specific proposal for the second Bureau.  
**Action ICASVR**

**Joint Commission IAPSO-IAHS on Groundwater and Seawater Interactions:** EK reported that the Commission had received financial support from a variety of sources, a reflection of the importance of this new field of activity. There are now 126 members of the Commission from 44 countries.

**ICSI:** GJ was invited to explain the case for a separate IUGG association for glaciology, having summarized the ICSI report. Reasons for a separate organization included: difficulty of ICSI (and other snow/ice groups in IUGG) of fulfilling mandate, and glaciology and cryospheric science does not get the recognition it deserves as a distinct

discipline. Same divisions present in AGU and EGU. However, even if there were a separate organization within IUGG for glaciology, there would still be a place for snow hydrology in IAHS. AG proposed that IAHS should support the efforts to set up a separate organization, and was re-assured by the efforts to maintain links. No final decision would be made until IUGG 2007.

## DRAFT

### International Association of Hydrological Sciences Bureau Meeting Sapporo, Japan 9am, 11 July 2003

Present:

A Askew (Presi-elect)	L Heathwaite	A Pietroniro ICRS	J Schaake PUB-SAG
H Demuth ICSW	P. Hubert SG	D Rosbjerg ICWRS	M Sivapalan PUB-SSG
C. Gardner IAHS Press	G Jones ICSI	A Schumann ICWRS	J Steenvorden ICWQ
G. Guiliano UNESCO	E Kontar CGSI	W Summer ICCE	C Vorosmarty ICASVR
A Gustard ICSW	Z Kundzewicz Editor	K Takeuchi President	Des Walling IAHS Ltd
S Franks ICASVR	C Leibundgut ICT	N Tase ICGW	
A Hall Gewex	C Onstad Treasurer		
	J Peters Nom Panel		

KT opened the meeting and summarized the items to be covered: (a) need to move forward on PUB, (b) arrangements for Foz du Iguassu, (c) discussion of the structure of IAHS including the review and assessment of the Commissions and working groups; report by A. Askew on IAHS position in the World Water Council (WWC).

#### IAHS and WWC

AA reported that he had attended the 15<sup>th</sup> meeting of the Board of Governors of the WWC (in place of John Rodda but representing IAHS). Having been the WMO representative on WWC he is familiar with its machinations. The next Board of Governors of the WWC AGM is in October 2003 when IAHS membership of the Board will come up for election. Note that the composition of the Board is unusual in having some persons who are members for life and 26 elected members. However, there is a move within WWC for constitutional change so that the full Board is elected. WWC members pay a subscription of US\$1000 (the city of Marseille finances 2/3 of WWC). The question was, was this value for money – what influence does IAHS have in WWC, and is WWC important? WWC aims to influence water policy and recognises the importance of Science and Technology in this. WWC believe that they influenced the emphasis on water at the recent G8 summit. It was suggested that the Hydrology 2020 report could be important for future policy making.

Opinions of WWC ranged from the somewhat hostile (nothing to do with science so even as a Board member IAHS will not influence policy, its modus operandi is neither democratic or transparent, scepticism over the award of the US\$100,000 King Hassan II prize to the Council's President), to concern that WWC is a potential vehicle for influencing policy (which is significant to IAHS wrt to Water Resources interests) and IAHS should use that if possible.

It was agreed that if the Council structure does not change, and/or IAHS is not re-elected, then IAHS should withdraw its membership.

**Action Arthur Askew and Kuni Takeuchi**

#### PUB

Since the 6 July Bureau meeting Siva had discussed with A. Hall the links of PUB to the Commissions. The Science Plan had been endorsed by 10 July meetings. Needs for links to users had been emphasised and recognition of potential applications. It was proposed that there should be a final version of the plan ready for submission to IAHS Press for publication in HSJ and the Bureau's approval was requested.

Discussion ranged over links to the commissions to what was required from developing countries to plans for future workshops. Siva proposed that he and Jeff McDonnell work on themes to unite PUB and the commissions and the latter might want to nominate individuals to represent the commission in working groups. However, the caveat was

that the working group structure should not be static but be refreshed by move to inclusion of active PUB researchers within four years.

KT noted that the first Bureau meeting had accepted the Science and Implementation Plan in spirit and recommended that this Bureau accept the plan unconditionally. The meeting was in agreement and thanks were expressed for this plan which enables innovation without excessive bureaucracy

Siva expressed his thanks and noted that IAHS had managed something that AGU had not succeeded in

KT noted that the structural planning for renewal implicit in the Implementation Plan was something that might be emulated in the commissions an working groups.

Dan Rosbjerg commented that IAHS made a great family and now had a new son-in-law. Stewart Franks retorted that PUB had a lot of grandparents!

#### **10. Foz du Iguassu**

The proposed dates were 25–29 April but it soon became apparent that this would clash with the next EGU A gap of at least one week between IAHS' meeting and EGU was proposed. It seemed unlikely that the dates could be brought forward, but putting it back to June was more likely.

**Action PH to arrange and confirm dates**

*The point has been clarified : the Scientific Assembly will take place from April 4 to April 9.*

Siva explained that plans for the PUB symposium were still tentative; the aim was a symposium and several workshops. The output would be one, possibly two, Red Book(s) He had had several volunteers for convenors. A two day symposium and one workshop was decided on.

**Action JM and MS (report in 2 weeks)**

Siegfried Demuth pointed out the need to balance PUB with everything else, there being 23 proposals from the Commissions in total.

All of the Bureau were asked to submit proposals to Pierre by the end of July and he, with a programme committee would prepare a draft programme by the end of August. Commissions, some of whom had proposed four topics were requested to identify priorities and overlaps with other commissions.

**Action All**

KT requested AA, LH and PH to co-ordinate , and suggested establishing a theme for the whole meeting. However, the consensus was that a theme was not necessary and could constrain the meeting. In planning, the programme committee should look ahead to the next IUGG in Perugia.

**Action AA, LH, PH**

SG requested that all proposals be submitted to him within two weeks

**Action All**

#### **Structure of IAHS**

D. Walling with AH, AG, DR and SF had looked at the structure of IAHS and concluded there was no need for major change. Main points: (a) With the existing structure some changes were possible, fossilization was not inevitable. The working groups operated well but the role of the commissions was perhaps not as effective as could be because they were large with large remits. (b) Change is not easy because the process takes time. There would be a six-year lead-in to a newcomer with a mandate for change taking on the presidency. It is not possible to suddenly axe a commission; all changes have to be agreed at an IAHS Assembly. (c) PUB should be incorporated into the IAHS framework and MS' plan fits with this. (d) Reporting needs serious consideration. WGs should only operate for four years, report then be wound up, unless there is good reason for continuation. The Bureau should review the reports by each commission and explicitly decide that each should continue. (e) Greater transparency regarding funding and a tentative budget for, say the next two years, would be helpful. The need to support PUB was recognized, but in practice commissions were not aware until now that money was available to bid for.

AH commented that a major attraction of PUB is its self-renewal process and something similar needs to be applied to IAHS as a whole.

AG noted that the VPs might tackle some of the issues, particularly wrt making IAHS attractive, meetings, strategy, gender issues etc.

JM proposed that it might be worth instituting a prestigious lecture for IAHS members, e.g. a "Klemeš" lecture, to get all IAHS members together at an assembly.

**Action SG to investigate for next assembly**

#### **ICASVR/ICCLAS**

The name of the International Commission for Atmosphere–Soil–Vegetation Relations was changed to International Commission for Coupled Land–Atmosphere Sciences at the second Plenary (10 July 2003).

### **Roles of the Vice Presidents**

KT requested that:

Xia Jun be responsible for IAHS presence in developing countries and supporting their needs;

L. Heathwaite (LH), with PH to take responsibility for making Foz de Iguassu an assembly that will attract lots of comers.

Longer term strategic planning, e.g. Hydrology 2020 and the build up to the next IUGG assembly in Perugia, to be CL and A Askew's particular remit

**Action AA, LH, CL and XJ for next Bureau**

### **IAHS Budget**

AH suggested that a larger executive than the President, SG and Treasurer should discuss fund allocation, and proposed including the Vice presidents. KT agreed and proposed inclusion of the Editor too.

The Treasurer reported that although subsidized travel costs had been arranged travel for 54 people from developing countries, 20 had not come to Sapporo. Difficulties of obtaining visas may have been a problem.

The high registration fee at Sapporo was noted. The IUGG funding would be apportioned between the associations according to the number of registrants from each.

The meeting wished to record its thanks for the financial support (380,000 yen) provided by Prof. Hoshi, Director of the Disaster Prevention Institute for the IAHS banquet at the Sapporo Beer Hall, and to Prof. Chikita (Hokkaido University, Sapporo, the help he, colleagues and students gave to IAHS Press.

### **Final remarks**

KT expressed his view that Sapporo had been successful in starting to develop a real scientific focus for IAHS, and that he would like to see this continue. The joint symposia had generated some very energetic discussions. However, problems of no-show needed to be addressed and overcome for Foz de Iguassu.

SG Specifically requested that would be convenors for Foz de Iguassu start planning now with respect to funding; do not leave it to the last minute.

AA that commission presidents liaise with him, and KT and SG to gather information for the World Water Assessment Programme.

**Action Commission presidents**

### **Next Bureau Meeting**

Will be held on Sunday 13 June 2004, in Paris, immediately after the Kovacs Colloquium (11–12 June).