

Minutes of the IAHR/IWA Joint Committee on Urban Drainage Meeting

Sep. 11, 2011 (finalized on Nov. 3, 2011)

Hotel Plaza San Rafael, Porto Alegre, Brazil

Present: Peter Mikkelsen, Neil Armitage, David Butler, Alberto Campisano, Tim Fletcher, Hiroaki Furumai, Bill Hunt, Mohamed Nor, Manfred Schuetze

Richard Ashley, J.-L. Bertrand-Krajewski, Fumiyuki Nakajima, Gilles Rivard, Nilo Nascimento, Jes Vollertsen, Patrick Willems, Jiri Marsalek

Karsten Arnbjerg-Nielsen, Bartholomew Emily Ayu, Assela Pathirana

Apologies: Elizabeth Fassman, Maria Viklander

1. The meeting was opened by Peter Steen Mikkelsen (PSM) by welcoming all and particularly the newly elected chairman, David Butler.
2. David thanked the committee for their vote of confidence and briefly outlined his plans for leading the committee, following his pre-election manifesto with a particular emphasis on communications with committee members.
3. Review of minutes from Lyon 2010: the minutes were approved as written.
4. Review of membership: the list of JC members was distributed at the meeting and briefly reviewed. The Committee has 11 full members, 8 associate members and a non-voting secretary. Four memberships will be expiring shortly (Furumai, Mikkelsen, Nor, and Viklander); creating a number of openings on the committee. Furthermore, the first terms of three JC members (Armitage, Fletcher and Schuetze) will expire later this year, and all the three are eligible for re-election to the second term. Following the review of current membership, extensive discussion followed and could be summarized as follows: (a) There is a continuing need to expand the JC membership into under-represented world regions, particularly China; (b) It would be helpful if we could sponsor attendance of our conferences by colleagues from less developed countries, and (c) It would be useful if JC is represented at the next IWA development congress in Kuala Lumpur, Malaysia (Nov. 21-24, 2011). Associate memberships were briefly reviewed and the following changes should be implemented: (a) Appoint Peter Steen Mikkelsen and Hiroaki Furumai (suggested after the meeting and approved by the committee), and (b) terminate the membership of Wolfgang Schilling (he has not communicated with the committee for 5 years or more).
5. Report on the JC account held at IWA was provided by Neil Armitage and Peter Mikkelsen. There are £9,916 in the account, including about £2,700 which belong to the committee, and about £5,000 belonging to the WSUD working group. Our treasurer, Neil Armitage, does not have all the details, which need to be collected from PSM and the IWA office.
6. An initial report on the 13th International Conference on Urban Drainage (ICUD) in the Context of Integrated Urban Water Management: A Bridge Between Developed and Developing Countries, Borneo Convention Centre, Sarawak, Malaysia, Sep. 7-11, 2014 - Mohamed Nor described the preparatory activities completed so far, indicating good progress. There have been two meetings with the convention facility management, PSM attended one of those. The conference announcement was featured in local and regional newspapers. The Conference secretariat, Local Organising Committee, Programme Committee, and International Scientific Committee have been appointed, pending further additions of members. At the meeting, Mohamed invited Karsten Arnbjerg-Nielsen and Jes Vollertsen to join the conference International Committee. Important details can be found on the conference website, www.13icud2014.com, which will be linked to the JC site. Further discussion focused on paper reviews; it was suggested (based on experience from the last NOVATECH conference) that the abstract review stage can be eliminated and we should focus on reviewing full papers. It was

further agreed that we should use IWA events in Asia to promote the conference. Overall, there was satisfaction with the progress achieved so far and Mohamed was encouraged to work closely with JC on conference preparation.

7. Poul Harremoes Award – PSM described the selection process, which started with more than 100 papers and finished with the selection of the final three papers by Briony Ferguson, Ida Bulow Gregersen and Nuno Eduardo da Cruz Simões. Two of the original panel members, PSM and Tim Fletcher, excused themselves in the final phase to avoid a possible conflict of interest. The final panel comprised David Butler (chair), Jiri Marsalek, Nilo Nascimento and Mohamed Nor. The final three papers were presented (after the meeting) on Monday, Sep. 12, 2011, assessed by the panel members, and the winner, Nuno Eduardo da Cruz Simões, was announced at the conference banquet, on Sep. 15, 2011. Further of the award procedures can be expected.
8. Bids for the 14th ICUD – the call for bids will be published in our 2012 newsletter. Concerning the location, all locations/countries will be welcomed and it will be important to do the bid assessment quickly, so that hotels do not have to hold blocks of rooms for too long.
9. Working groups reports – several groups submitted and distributed their reports before the meeting. Discussion of WG reports followed.
 - a. Data and Models – produced two papers – one on uncertainties and the other one for the Journal of Hydrology. Their next 9th UDM conference will be held in Belgrade, Serbia, from Sep. 3 to 7, 2012. It is shaping as a major JC event, which will also serve to celebrate Cedo Maksimovic's retirement from the Imperial College in London. The deadline for abstract submissions is Oct. 20, 2011; check the conference website at <http://hikom.grf.bg.ac.rs/ocs/index.php/9UDM/9UDM>.
 - b. Real Time Control – there was a change of leadership, the new chair is Martin Pleau and the secretary is Dirk Muschalla. The group held a successful (7th) workshop at NOVATECH 2010, with most participants working in the field sewerage rather than wastewater treatment. The group has a new website: www.rtcwg.org. Besides some basic information, the website includes an exhaustive literature review on RTC for UD systems, links to different sites related to the domain, and worldwide news on RTC activities. The group is starting to plan the 8th RTC Workshop on Real Time Control of Sewer Systems, by exploring various options, including a new workshop format. Future plans include a special issue of the Urban Water Journal on RTC for sewer systems, survey of interest in holding a RTC course, and starting an RTC newsletter.
 - c. The Sewer Systems and Processes working group is planning its next conference in Sheffield, UK, in 2013, under the leadership of Simon Tait. Another planned activity is the preparation of a new sewer solids manual.
 - d. SOCOMA – met at NOVATECH 2010 after holding a well-received workshop, but their experience with holding a workshop during the IWA Water Congress in Montréal was less satisfying. Workshop participants had to pay the full congress registration fee, which kept some potential attendees away. The next meeting will be held at the conference in Sherbrooke, Quebec, Canada (Oct. 2011) and the group will work on a terminology paper.
 - e. Urban Rainfall WG – the group held their previous workshop in St. Moritz, Switzerland, in 2009 and 11 workshop papers were accepted for publication in Atmospheric Research. The planned activities include an IWA book on climate change impact on urban drainage, contribution to the IWA report on Global Trends and Challenges in Water Science, and holding another workshop on urban rainfall in St. Moritz in 2012 (Dec. 6-9). The group also contributed to the 12th ICUD by organizing several sessions on urban rainfall.
 - f. The Working Group on Technology Exchange, Transfer and Training – it was decided to terminate this group – we need to look for a different model of information and technology sharing with less developed countries.

- g. Urban drainage in cold climate WG – no report was presented, but the group held a meeting later during the 12th ICUD. There is some interest in producing a book on water management in cold climate.
 - h. Water Sensitive Urban Design WG – following the meeting in Edinburgh (2008), the group undertook the following activities: updating and populating the website (<http://www.shef.ac.uk/wsudwg/index.html>), which is used for sharing information; held informal meetings in 2010 and 2011, and was planning to meet at Porto Alegre during the 12th ICUD. The group is planning to publish a review article on WSUD and establish a task group which would produce an international reference document on WSUD.
 - i. The Urban Streams working group – met at NOVATECH 2010, but was not planning to meet formally in Porto Alegre.
10. JC website – reported on by Alberto Campisano. He does routine maintenance and updating every three months, but breaking news is posted immediately. PSM thanked Alberto for his great services.
 11. Email discussion list – reported on by Manfred Schuetze. The list has 300 members worldwide, with fair traffic, but not over-active (those thinking of joining do not need to worry about high volume of incoming emails). The discussion is not moderated and the site now accepts attachments.
 12. JC newsletter – Jiri Marsalek reported that the collection of information does take repeated requests, but otherwise the newsletter preparation and editing works well. Manfred commented on good quality and high usefulness of the JC newsletter.
 13. Urban Water journal – David Butler reported that the journal publishes 6 issues/year, and received recently the initial impact factor, which represents a great achievement. We can do special issues, which could be aligned with conferences, or we can commission works on urban drainage.
 14. IWA affairs - Strategic Council – Jean-Luc Bertrand-Krajewski (JLBK) described the council as a good place to learn how IWA works. Specialist Groups (SG) are important, and currently there is a plan to redefine the terminology and reorganize the large number of SGs. JC is recognized as a group with the best established rules and is often used as an example. There is interest to publish a booklet re SGs, perhaps by the end of October 2011. The IGUR contribution to the IWA report on “hot issues” does not fit the bill, we should use it in our Newsletter, or publish in Water 21, but for the above report we need something different. JLBK will advise David Butler re the deadline – probably the end of October. IWA wishes to see interactions among the SGs at the Busan congress. For good visibility, UDSG should be part of a cluster. The next cluster meeting is held in Tokyo in October 2011, it would be good to be there represented (Hiroaki Furumai or Fumiyuki Nakajima?). JLBK emphasized that we either need to work within an existing cluster, or form a new one. The next IWA congress in Busan may not offer the best science, but it will be great for networking. We should propose some activities there – perhaps workshops. The Water Research Conference (WRC) is planned for Jan. 2013, with the objective of increasing sustainability of the cities. The preparation is led by EAWAG (Switzerland). The Cities of the Future program of IWA has ignored us so far, because they did not know about us. We need to change that. A similar direction applies to the NOVATECH conferences – JLBK wants to work with the Future Cities. PSM provided more information about the IWA congress in Busan (he serves on the program committee): themes include science and application of water treatment and management; water, climate, food and energy; cities of the future; and management of assets. So far, four workshops planned in Busan relate to the JC topics (and have been endorsed by the JCUD), including “Integrated real time control of sewer-wastewater treatment systems”, “Data quality management in water networks”, “Innovative management of torrential rainfall in urban areas”, and “Ecobusiness parks: Developing regulatory regimes to deliver best practice (diffuse pollution/SUDS, etc.)”. PSM emphasized that we need to propose papers, or workshops for the congress. Further discussion concerned the IWA biennials; while Wolfgang Rauch commented that IWA

biennials are not ideal from the science point of view, PSM contended that we need to be there to increase our profile.

The next IWA Development congress is in Kuala Lumpur and will also serve for a meeting of SG leaders; JC should be represented there.

Our relationship with IAHR is much weaker; it would be good to organise something at the next IAHR congress in China, September 2013 (<http://www.iahr2013.org>). PSM discussed this issue with IAHR officials at the recent IAHR congress in Brisbane. IAHR would very much like to be more connected with the JCUD, and urban flood risk management seems to be a topic where input to the programme from the JCUD is particularly welcomed, for example in the form of a specialised workshop. Those who wish to do so should speak to PSM, who can make the necessary contacts.

15. JC awards – Tim Fletcher and David Butler spoke about the newly instituted awards and the process leading to the selection of the two inaugural winners – Manfred Schuetze for the Mid-career Achievement Award, and Bernard Chocat for the Career Achievement Award. Both received their awards at the conference banquet.
16. NOVATECH 2013 – JLBK described the progress in conference preparation and announced that the conference International Committee will meet in Porto Alegre during the ICUD conference. The conference will be held June 23-27, 2013 in Lyon, France, under the leadership of two co-chairmen, JLBK and Tim Fletcher. The conference will feature some changes in the program format – new activities include the involvement of landscape architects and economists, preparation of a book on modern urban drainage (bilingual, with a lot of pictures), presentation of case studies from around the world, and outdoor sessions including tours and short presentations. The venue – the Lyon congress centre.
17. Next JC meetings: 2012 at UDM in Belgrade (Sep. 9-11, 2012), in 2013 at NOVATECH in Lyon (June 23-27, 2013), and in 2014 at the 13th ICUD in Sarawak, Malaysia (Sep. 7-11, 2014); most likely one day before the start of these events.
18. David closed the meeting by thanking all for their hard work in supporting the Committee and expressed his keen interest in working with all the members on promoting the JC mandate and interests.