



Technical Division I: Methods in Hydraulics

Section on Education and Professional Development (EPD)

Minutes of the Section Meeting

1. Location and Time: Venice, Italy, 1 July, 2007, 2 - 4 pm during the XXXII IAHR Congress

2. Participants

- A. Armanini, Trento / Italy, chairman of the section
- R. Hinkelmann, Berlin / Germany, secretary of the section
- K. Banasik, Warsaw / Poland
- T. Bleninger, Karlsruhe / Germany
- P. Godwin, Moscow / Idaho
- R.-H. Hotchkiss, Provo / Utah
- G. Jirka, Karlsruhe / Germany
- J. Jozsa, Budapest / Hungary
- H. Kobus, Stuttgart / Germany
- S.-Y. Liong, Singapore

3. Introduction by the Chairman Prof. Armanini

The chairman welcomed the audience. He pointed out that the scope of the committee consists of promoting education for PhD, graduate and undergraduate students as well as professional development for practising engineers. One main activity of the EPD during the last two years is the initiation of the Seminar on 'Issues on Education (undergraduate courses in civil and environmental engineering; permanent learning; student mobility and international co-operation) which took place on Wednesday, July 4, 16.15 – 18.15 with 8 presentations.

4. EGW Report by the Secretary Prof. Hinkelmann

The current situation is described in detail in the appendix. Due to changes in further education, the number of courses decreased in the last years. There still remain 4 - 5 successful courses which run on an annual or bi-annual basis. They have in common that they aim at higher education, that they are of high quality and that they foresee national or international lecturer teams.

The following things were agreed to do in the future:

- The actual courses will further run under the EGW umbrella within EPD.
- It will be tried to extend the program and link it to other international activities, for examples to educational activities in Asia.
- There will be no EGW membership fee in future. The remaining money of about 4000 EUR will be used to support students to join the next IAHR Congress in Vancouver, especially for active EGW partners, and to further promote EGW and EPD activities.
- Prof. Hinkelmann will update the EGW membership list to check who is willing to further belong to this group.
- Information about EPD and EGW is currently found at:

<http://www.wahyd.tu-berlin.de/content/weiterbildung>

It will be shifted to the IAHR homepage in the next months.

4. General discussion

The concept of master classes was discussed. In a master class which generally is held directly before a conference a limited number of PhD students has the opportunity to discuss with an expert or to participate on an expert course for about one day. The feedback of such master classes was very good, for example during the Fluvial Hydraulics Conferences. The feedback was not very good during the Venice Congress. One reason for this was the comparative late announcement of the master classes. The supervisors have the strongest responsibility of informing and sending the PhD students to these special classes. One should also have in mind, that the PhD students should not be overloaded during a conference (master class + conference). Master classes for the Vancouver congress should be announced very early to the LOC.

5. 33rd IAHR Congress in Vancouver, 2009

Prof. Hotchkiss from the LOC introduced the congress town and the stage of preparation. In the current planning, education is under Topic E (Advances in Hydroinformatics for Integrated Watershed and Coast Management), 5. Education and Training (using cyber platforms).

In order to strengthen the role of education within IAHR and the participation of students during the Vancouver congress, three Technical Sessions / Seminars will be suggested to the LOC:

- Technical Session E5: New Technologies in Education (e- and blended learning, web and cyber platforms, remote experimentation, ...)
- Seminar: International Student Chapters' Meeting (introduction of student chapters and their activities, ...)
- Seminar: Current and Future Directions in Education (Bologna process, short courses, summerschools, master classes, joint international master and PhD programmes, ...)

The 2 seminars could also be held under Topic A (Advances in Fundamentals of Water Science and Engineering) if the topic will get a new name (Advances in Water Science, Engineering and Education).

Further, the LOC will be asked whether it is possible that one member per student chapter can participate without paying congress fees.

Prof. Hinkelmann will contact the LOC concerning these items. The preparations already started in the meantime.

6. EPD committee, new members

The actual committee members and the regulations are unclear at the moment. Prof. Hinkelmann will check this with Dr. George.

Prof. Hotchkiss, Provo / Utah and Prof. Banasik, Warsaw / Poland were elected as new committee members.

Prof. Godwin will further be responsible for the Student Chapters.

7. Resignation of chairman and secretary of the Committee and nomination of the new chairman and secretary

Prof. Armanini resigned as the chairman and Prof. Hinkelmann resigned as the secretary of the EPD. The committee thanked both for their work and activities during the last years.

Prof. Hinkelmann was elected as the the new chairman. He wants to strengthen the role of education within IAHR, he wants to continue and further develop 'Higher Education Courses' in the framework of EGW within EPD and he wants to stronger integrate the youth / student chapters in the organization. One important point to proceed with these things and to make education more visible within IAHR are the suggested Technical Sessions / Seminars for the Vancouver congress (see above).

Unfortunately, no new secretary could be elected. The chairman will look for a new secretary, if possible not from Europe. All EPD and EGW members are encouraged to make a suggestion for this position.

July 23, 2007

A. Armanini and R. Hinkelmann

Appendix: Letter to IAHR EPD and EGW members from May 22, 2007