



**IAHR
AIRH**



Newsletter 2

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IAHR Media Library Web Site

www.iahrmedialibrary.net

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Convocation of the 2005 IAHR General Members Assembly

All IAHR members are cordially invited to attend the IAHR General Members Assembly to be held on Friday 16th September, 2005, Seoul, Korea

Venue: COEX Convention Centre, Seoul, Korea

Time: 16:30

AGENDA

- Opening
- Announcements
- Minutes of the 2003 General Members Assembly, Thessaloniki
- 2004 Financial Report
- 2004 Annual Report of Association
- Activities
- IAHR 2005-6 Council Election Results
- Closure

Should Fieldwork be Compulsory in Hydraulic Engineering Courses?

This article derives from a presentation given by Dr. Chanson at the 2003 IAHR Biennial Congress in Thessaloniki, Greece. A fuller version was published in the ASCE Journal of Professional Issues in Engineering Education and Practice

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Our monthly electronic newsletter "NewsFlash" complements the bi-monthly IAHR Newsletter. "NewsFlash" publishes information which would be outdated if published only in our bi-monthly Newsletter "NewsFlash" is available free of charge to anyone interested in hydraulics; if you know of anyone who would like to receive it please ask them to forward their e-mail address to us. "NewsFlash" is also available on our homepage: <http://www.iahr.org>

New IAHR Media Library Web Site Launched! www.iahrmedialibrary.net

Hydraulic flow systems are visual, and many involve complex time-dependent phenomena. They therefore lend themselves to being photographed, or visualisation by means of animation and/or movies. Over the years a large amount of such material has been accumulated by hydraulic researchers and engineers working in practice. However, there are few organized web sites for the archiving and dissemination of this very important data. In order to encourage wider use of existing material, and to prevent the loss of existing scientific data IAHR has developed a web site for storage and dissemination of this data. Funding for initial costs has been kindly provided by Fondazione Caripuglia

through a research project managed by the Coastal Engineering Laboratory of the Water Engineering and Chemistry Department of the Bari Technical University, Italy.

The present web site has been created to be openly available to the global hydraulic engineering and research community containing images – both still and moving – of use for teaching, training, and project work and research,

The website is intended to be of use to:

- Practising engineers/professionals needing images to include in reports and for discussions with clients;
- Educators needing images for teaching

and training purposes;

- Researchers

The contents will include:

- photos of technical interest related to all aspects water engineering
- These images could include photographs of constructed works, pictures of accidents and failures, photos of structures under extreme conditions
- films of technical interest
 - computer-generated animations
- including:

- brief, searchable, technical description
- adequate classification system

The images are subdivided according to the categories of the IAHR technical Sections:

METHODS IN HYDRAULICS

- Fluid Mechanics
- Hydroinformatics
- Experimental Methods and Physical Modelling
- Probabilistic Methods
- Hydraulics Instrumentation

APPLIED HYDRAULICS

- Hydraulic Machinery and Systems
- Urban Drainage
- Fluid Phenomena in Energy Exchanges
- Water Resources Management
- Industrial Two-Phase Flows
- Hydraulic Structures

GEOPHYSICAL HYDRAULICS

- Fluvial Hydraulics
- Maritime Hydraulics
- Groundwater Hydraulics
- Ice Research and Engineering
- Eco-Hydraulics

As mentioned above, the web site has been developed, on behalf of IAHR, by the Coastal Engineering Laboratory of the Technical University of Bari with the financial support of the Fondazione Caripuglia by means of a Research Project (LIC-MON (LIC for MONitoring, under the leadership of Prof. Antonio Petrillo). The web site has been subdivided in the areas: ABOUT US (with a brief description of the web site)

EVENTS (where events regarding the media library will be shown)

EDUCATION (where peculiar educational events will be reported)

NEWS

LIBRARY (subdivided in MEDIA LIBRARY and eventual PUBLICATIONS)

LINKS

CONTACT US

It is possible to SEARCH the library for movies and photos using a SEARCH option, or to look under the specific categories mentioned above. In the initial phase the library has been "populated" with a limited amount of material including movies in the Categories of FLUID MECHANICS, FLUVIAL HYDRAULICS, and MARITIME HYDRAULICS (this material and a sample selection of photos has been provided by LIC and Prof. Hubert Chanson).

We would like to invite the hydraulics community to submit photos and filmed material which should be accompanied by the following written information:

Movie/Photo title

Movie/Photo source and affiliation

Category

Abstract

Submissions of movies/photos for possible inclusion in the IAHR web site will be reviewed and all material included will include full acknowledgement of the author/source.

The IAHR media library does not have funds at this stage for purchase of movies/photos.

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Sample photo of Laboratories facilities

Report on the IAHR Executive Committee Meeting

January 10-11, 2005, Paris

The IAHR President, the three Vice Presidents, Secretary General and Executive Director recently met in Paris for their regular, six-monthly meeting. The meeting was kindly hosted by our Institute Member LNHE, part of EDF Electricité de France.

Executive Director, Dr Christopher

George presented the audited financial report for 2003 which showed a loss for the year of €27,230.84 taking into account CEDEX support. This loss was mostly the result of the writing-off of bad debts from the previous two years following our transition from Delft to Madrid. In presenting the interim 2004 results Dr George was optimistic that our financial position will

have improved owing to costs savings, and improved debt collection. Reporting on other developments, he said that it was too early to say how many members would take advantage of the new lower cost electronic membership of IAHR.

Dr Cristobal Mateos announced his intention to stand down as Secretary