



**International Association  
for Hydro-Environment  
Engineering and Research**

*Hosted by*  
**Spain Water and IWHR, China**

# **Annual Report 2017-2018**





A group photo taken during the 37th IAHR World Congress in 2017 in Kuala Lumpur

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## Preface

This is the first annual report that provides an overview of the current status of our Association. IAHR was founded in 1935 and is the oldest international research association focusing in the water engineering domain. We currently have over 4500 members, including young professionals and institutes from nearly one hundred countries around the world. The reach of IAHR extends beyond our immediate membership through collaborations and cooperative agreements with many national associations and sister organizations.



It is important to recognize the significant support IAHR receives through our host organizations, Spain Water in Madrid and the China Institute of Water and Hydropower Research (IWHR) in Beijing. Spain Water includes CEDEX, the Directorate General for Water and the Directorate General for Sustainability of the Coast and the Sea. Together with the generous support of sponsors such as SUEZ Advanced Solutions and Hydromodelhost, IAHR is able to maintain our professional global secretariat in Spain and China, sustain our activities while maintaining minimal financial barriers to membership.

IAHR is a member-driven institution and relies on the leading engineers and scientists who volunteer to lead activities. This annual report documents the roles of these volunteers and professional staff including the Executive Committee, the Council, Technical Committees and professional staff.

The report provides a summary of the membership of IAHR, publications, awards and honours as well as a list of the events organized or sponsored by IAHR during 2017-8.

IAHR is a unique professional association that has helped to transform careers of members and accelerate knowledge discovery through networking top researchers and their institutions across the globe. The legacy of IAHR includes the ability to connect top researchers with early career engineers/scientists and students. However, the world is changing rapidly and associations face many challenges especially as a result of more integrated and interdisciplinary approaches to water issues, pervasive use of social media and other rapidly evolving technologies, and a rapid changes in publication of technical literature.

Positive changes to IAHR were made in 2008-2009 when our administrative structure was last modified and an analysis of these effects after ten years has shown that a deeper transformation in the governance of IAHR is required to meet these new challenges. The IAHR Council is considering measures that will make IAHR more nimble and responsive to our membership and attractive to a wider community.

The IAHR Council seeks input and ideas to make the administrative structure less cumbersome, more transparent, more responsive to new initiatives and place Technical Committees, Working Groups and Regional Divisions at the centre of our innovation. We seek guidance from the

IAHR community on the best way to enhance engagement, deliver value and foster interdisciplinary activities. Please provide input through your Regional Division, Technical Committee, Working Group or as an individual. Further details are available on the IAHR web page.

The past year 2017-2018 has been an important one for the Association and the highlight was undoubtedly our 2017 World Congress in Kuala Lumpur which attracted over 1200 participants from 61 countries – a record in Malaysia – with two stimulating opening addresses by the Malaysian Deputy Prime Minister, and by Tyler Erickson of Google.

There is an exciting range of technical events planned for 2018, together with our Regional Congresses in Trento, Italy for the IAHR Europe Division; Yogyakarta, Indonesia for the Asia Pacific Division; and Buenos Aires, Argentina for our Latin America Division.

Our publisher, Taylor and Francis, informs us that our journals continue to expand, with a noticeable trend towards Open Access paper submissions. Other developments include access to Publons, of which Taylor and Francis is a member, which tracks the contributions of reviewers and COLWIZ which allows authors to track references. These developments are fully available to our members.

The Secretariat is currently testing our new IAHR web site which runs on iMIS - the leading IT platform used by professional associations - and this will make our website “platform independent” meaning that it adapts for users on all devices whether desktops, tablets and phones and avoids many of the access problems encountered in some regions of the world in the past. Our new website also links to a new online repository of over 6000 IAHR conference papers which is also freely accessible to members.

Congratulations to the EMI Committee, including Marian Muste, Jochen Aberle, David Admiraal, Robert Ettema, Marcelo H. Garcia, Dennis Lyn, Vladimir Nikora, and Colin Rennie for publishing the important new IAHR Monograph entitled “Experimental Hydraulics: Methods, Instrumentation, Data Processing and Management” through Taylor and Francis (CRC Press). Robert Ettema welcomes proposals for new IAHR Monographs as many of these publications become classic texts for teaching or to reside on your technical bookshelf.

I would like to conclude by inviting you all to the next World Congress which will be held in Panama. Panama is a hotspot for global biodiversity and also has one of the most hydraulic engineering infrastructure projects – the Panama Canal. The conference program includes an in-depth technical and historical tour of the project that is unavailable to tourists and the technologies being used to manage the ecological resources and navigation challenges under the external pressures of increased shipping, climate change and extreme weather events. You will also be able to experience breakfast on the Pacific Ocean and mid-morning coffee on the Atlantic Ocean linked by a short drive!

Thank you for your commitment and participation to the global IAHR community.

Peter Goodwin

IAHR President

# 1. IAHR Activity Report

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IAHR operations are divided between our two headquarters offices:

- **IAHR Madrid** in Spain is managed by Elsa Incio and is hosted by the Spanish Ministry of Agriculture, Fisheries and Environment through CEDEX – the national public works research institute.
- **IAHR Beijing** in China is managed by Mr SUN Gaohu and Dr WANG Kai and is hosted by the Institute for Water Resources and Hydropower Research of the Ministry of Water Resources.

**Madrid office** with a staff of four is responsible for our publications (Estibaliz Serrano) and accounts (Carmen Sanchez). IAHR Madrid also looks after social media presence, and the management of the HydroSenSoft exhibition and conference series (Maria Galanty). Madrid staff provide support to the IAHR Europe Division (Elsa Incio) and Latin America (Estibaliz Serrano) as well as the future World Congresses.

**Beijing office**, which also has a staff of four, is responsible for membership management (Sally FENG) and all IT matters (Joyce ZHOU). Beijing is also responsible for liaising with the Secretariat of the Asia Pacific Division which is in KICT, Korea. Jenny LU is responsible for liaison with the many IAHR Technical Committees, in addition to collecting jobs information for the website and NewsFlash.

IAHR is very grateful to our host organisations in Spain and China for their enthusiastic support and, in particular, for the dedication and commitment shown by our two Secretary Generals – Dr Ramon Gutierrez Serret in Madrid and Dr PENG Jing in Beijing – who are the links with our host organisations!

Executive Director, Dr. Christopher George, has during the last year divided his time between the two offices working closely with all the staff and especially with the two office managers.

Both offices have been closely involved in the migration and upgrade of our iMIS15 member management system to iMIS20 during 2017 and the new system will go live on our new Hong Kong server in the second quarter of 2018. The new server will also accommodate all past IAHR congress papers with at the time of writing around 7000 IAHR congress papers uploaded. The new association management platform which is the most widely used software in the world for association management will make our website platform independent meaning that it will be usable on most devices including desktop PCs, laptops, tablets and phones!

The main IAHR event in 2017 was of course the IAHR World Congress which took place in Kuala Lumpur in September. Over 1200 delegates from 60 countries attended the congress which was opened by the Deputy Prime Minister.

Amongst many achievements was a record engagement with social media – and, in particular, through WeChat and QQ in China and Facebook elsewhere with around 10K users in FaceBook. Special events alongside the main congress included a well-attended high level symposium on pressure transients, and a special workshop on the UN SDGs.

For the first time IAHR Madrid Secretariat has been involved in the complete organisation of an international congress – this was the HydroSenSoft conference held in Madrid in February of 2017 in collaboration with the IAHR Experimental methods and Instrumentation Committee and jointly with the Madrid IFEMA Trade Fair which looked after the parallel Exhibition! IFEMA have decided to hold a second HydroSensoft event which will take place in March 2019 and the Madrid Secretariat is now working on preparations for this with IFEMA. We are also working closely with the organisers of the next World Congress in Panama in 2019.

Meanwhile in Beijing office we are using our conference management platform for several international events supported by IAHR due to take place during 2018.

In January 2018 IAHR President Peter Goodwin and Vice President James Ball visited China and one of the highlights of the visit was the signing of a Memorandum of Understanding with the Chinese Hydraulic Engineering Society (CHES) which has 80,000 members for collaboration on international activities. Another highlight was a review meeting with the President and Chairman of Hohai University to discuss future collaboration in international graduate training.

The IAHR leadership team is currently reviewing the governance structure of the Association and we would appreciate any suggestions you may have !

Dr Christopher George

Executive Director

Ms Elsa Incio

Office Manager – Madrid

Dr WANG Kai

Office Manager - Beijing

## 2. Council Team 2017-2019

### President



**Prof. Peter Goodwin**

*President of University of Maryland Center for Environmental Science  
UNITED STATES OF AMERICA  
(elected until 2019)*

### Executive Director (ex-officio)



**Dr. Christopher B George**

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### Vice Presidents



**Prof. James Ball**

*University of Technology Sydney, Faculty of Engineering, School of  
Civil and Environmental Engineering  
AUSTRALIA  
(elected until 2019)*



**Prof. Arturo Marcano**

*CVG EDELCA, Hidroeléctrica Macagua, Departamento de Hidráulica  
VENEZUELA  
(elected until 2019)*



**Prof. Silke Wieprecht**

*Universität Stuttgart, Department of Civil and Environmental  
Engineering, Institute of Hydraulic Engineering  
GERMANY  
(elected until 2019)*

## Secretary Generals



**Dr. Ramón Gutiérrez Serret**

*Head of the Maritime Experimentation Laboratory, Harbour and Coast  
Centre, CEPYC-CEDEX-Ministry of Environment  
SPAIN*



**Dr. Jing PENG**

*Vice President, China Institute of Water Resources and Hydropower  
Research  
CHINA*

## Members



**Prof. Vladan Babovic**

*National University Singapore, Department of Civil Engineering  
SINGAPORE  
(elected until 2021)*



**Prof. Subhasish Dey**

*India Kharagpur Institute of Technology  
INDIA  
(elected until 2019)*



**Prof. Robert Ettema**

*Colorado State University  
USA  
(elected until 2021)*



**Prof. Pengzhi Lin**

*Sichuan University, State Key Laboratory of Hydraulics and Mountain  
River Engineering  
CHINA  
(elected until 2021)*



**Prof. Rafael Murillo-Muñoz**

*University of Costa Rica  
Costa Rica  
(elected until 2019)*



**Prof. Vladimir Nikora**

*University of Aberdeen, School of Engineering  
UNITED KINGDOM  
(elected until 2021)*



**Dr. Ioana Popescu**

*UNESCO-IHE Institute for Water Education, Department of Integrated  
Water Systems and Governance  
NETHERLANDS  
(elected until 2021)*



**Prof. Stefano Pagliara**

*University of Pisa  
Italy  
(elected until 2019)*

## Regional Division Chairs



**Prof. Hyoseop WOO**

*Chair of the Asia & Pacific Division  
Gwangju Institute of Science and Technology  
KOREA*



**Dr. José Nicolas De Pierola**

*Chair of the Latin American Division  
Southern Peru Copper Corp  
PERU*



**Prof. David Stephenson**

*Chair of the Africa Division  
BOTSWANA*



**Prof. Corrado Gisonni**

*Chair of the Europe Division  
2nd University of Naples, Department of Civil Engineering  
ITALY*

## Co-opted Members



**Dr. Damien Violeau**

*Electricité De France, Division R&D, Laboratoire National  
D'Hydraulique Et Environnement (LNHE)  
FRANCE*



**Prof. Dr. Hajime Nakagawa**

*Director, Disaster Prevention Research Institute, Kyoto University  
JAPAN*



**Prof. Dr. Nor Azazi Zakaria**

*Director, River Engineering and Urban Drainage Research Centre  
(REDAC), University Sains Malaysia (USM)  
MALAYSIA*

## 3. Technical Divisions and Committees

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### IAHR Hydraulics

- Fluid Mechanics
- Experimental Methods and Instrumentation
- Hydraulic Machinery and Systems
- Industrial Flows and Energy Exchange
- Hydraulic Structures
- Fluvial Hydraulics

### IAHR Hydro-Environment

- IAHR/IWA Joint Committee on Hydroinformatics
- Ice Research and Engineering
- Groundwater Hydraulics and Management
- Coastal and Maritime Hydraulics
- IAHR/IWA Joint Committee on Marine Outfall Systems
- IAHR/IWA Joint Committee on Urban Drainage
- Ecohydraulics
- Water Resources Management
- Flood Risk Management

### Innovation and Professional Development (IPD)

- Global Water Issues
- Education and Professional Development
- Working Group on Water Systems Operations (new in 2017)
- Young Professionals Committee
- Awards Committee

### Working Groups

- Sustainable Development Goals and Global Water Security (under Global Water Issues Committee)
- Oil Spill Modelling Working Group (under Global Water Issues Committee)

- International Flood Initiative Working Group (under Global Water Issues Committee)
- IAHR/WMO Hydrometry Training Course Working Group (under Water Resources Technical Committee)
- Climate Change Working Group (under Sustainable Development Goals and Global Water Security Working Group)
- IAHR Water System Operations (new in 2017)
- IAHR/IAHS Synergy Working Group

## 4. IAHR Secretariat

### Executive Director



**Dr Christopher George**

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### Global Secretariat (Beijing)



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## **Global Secretariat (Madrid)**



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**Dr Angel Luis Aldana**

*Technical Advisor and Hydrosensoft Co-ordinator*

*e-mail: angel.l.aldana@prohimet.org*

## 5. IAHR Sponsors

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IAHR is hosted by the following organisations:

- **Spain Water**

*Composed of Ministry of Agriculture, Fisheries, Food and Environment (MAPAMA) -- Directorate General for Water and Directorate General for Sustainability of the Coast and the Sea -- and CEDEX (Spanish National Public Works Research Centre). Our Spanish operations are sponsored by Suez Advanced Solutions and by Hydromodelhost.*

- **China Institute of Water Resources and Hydropower Research (IWHR)**

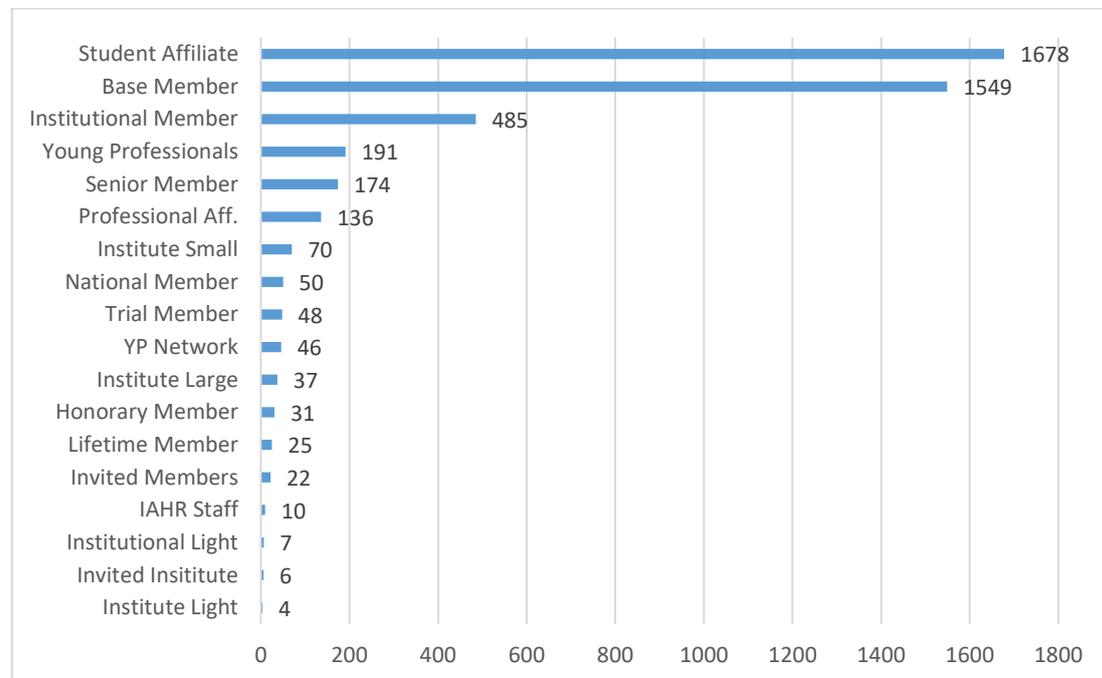
And IAHR is sponsored by:



## 6. IAHR Membership Statistics

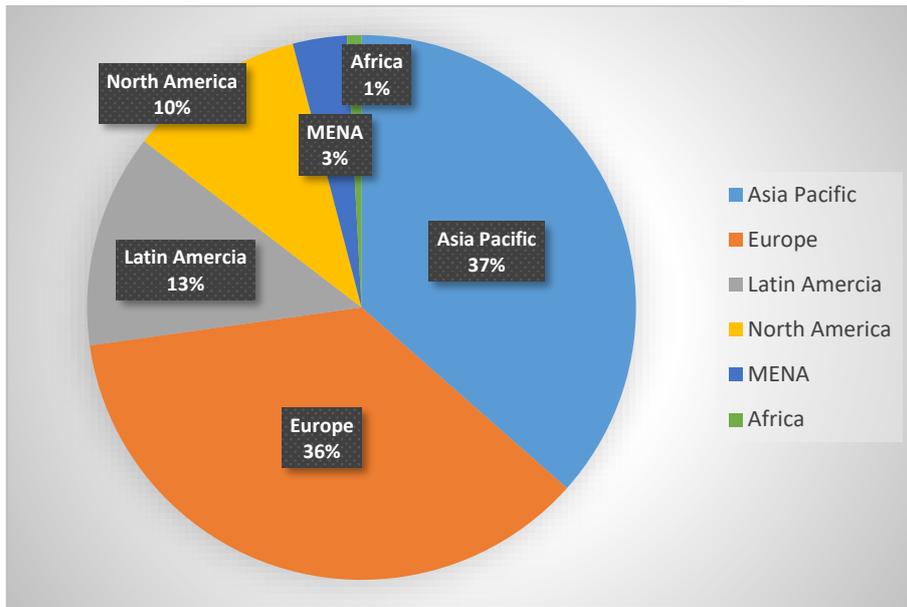
All graphs below are based on the statistics by January 3, 2018

### Membership by category



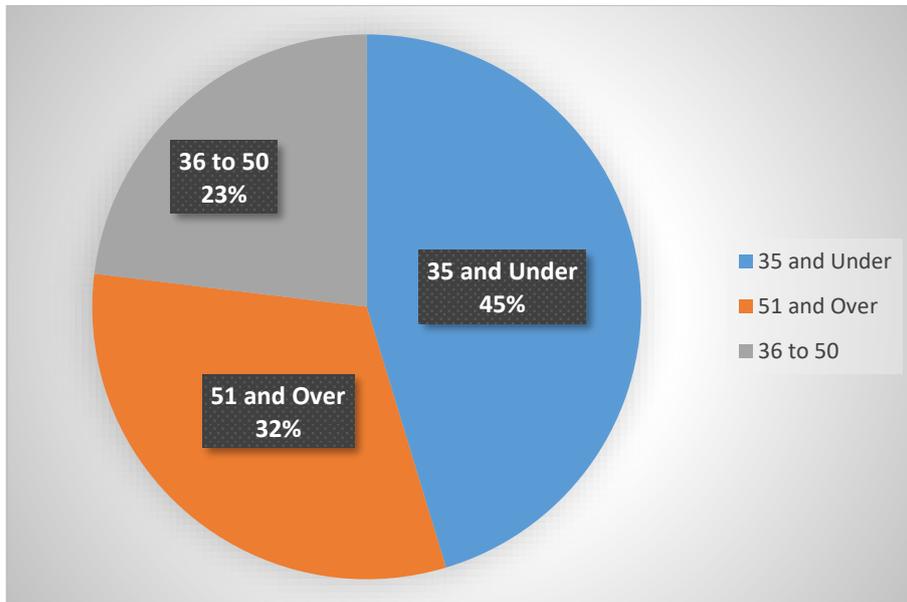
Total: 4569, including all types

## Membership by region

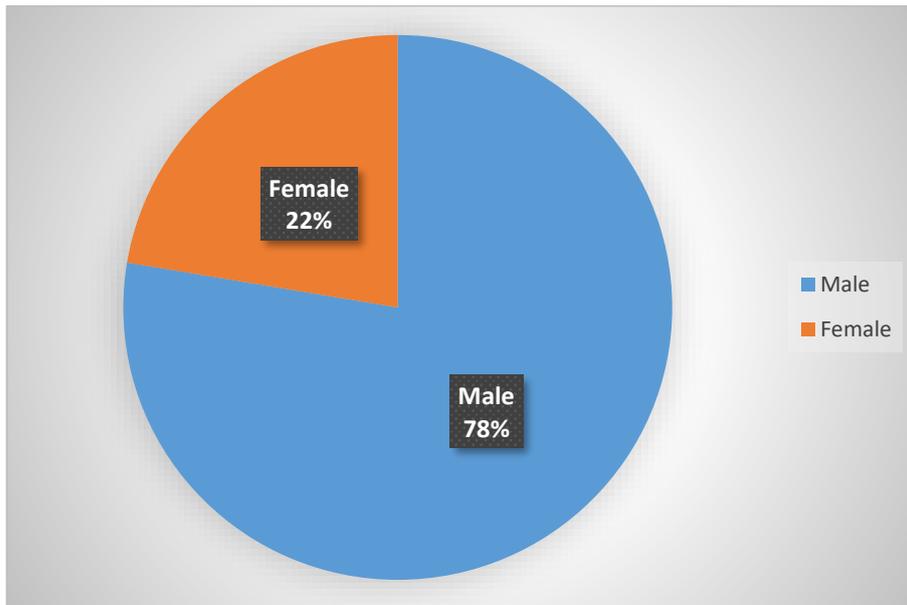


Total: 2728, excluding students and institute members

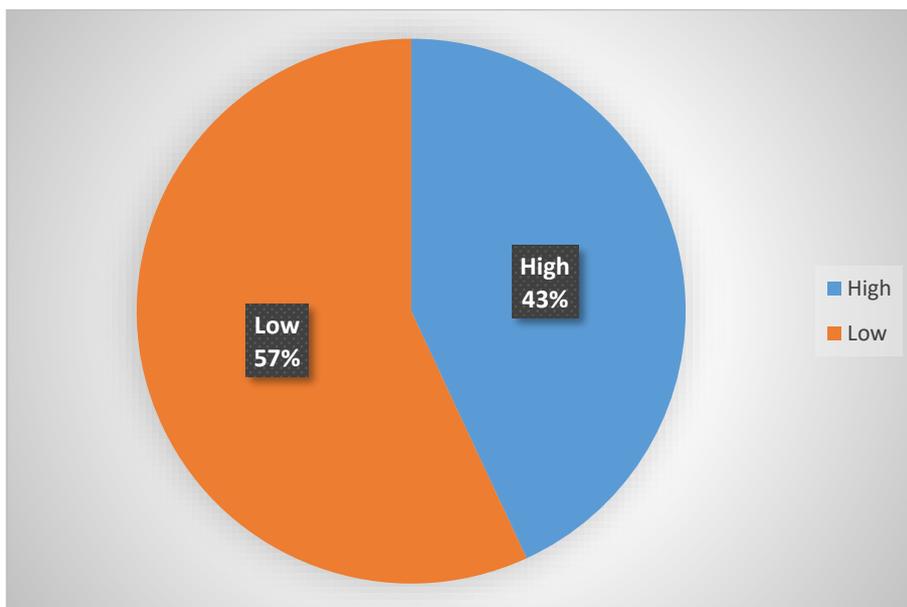
## Membership by age range



## Membership by gender



## Membership by income level



## New Institute Members during 2017

- Beijing Guoxinhuayuan Technology Co.,Ltd., China
- CCCC First Harbor Consultants Co.Ltd (FDINE), China
- Farminmoblie, Ecuador
- Instituto Mexicano de Tecnología del Agua, Mexico
- Chongqing Jiaotong University, China
- Chair of Water Resources Management and Modeling of Hydrosystems, TU Berlin, Germany

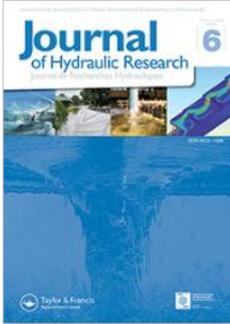
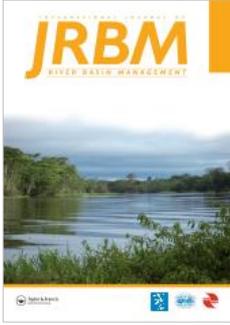
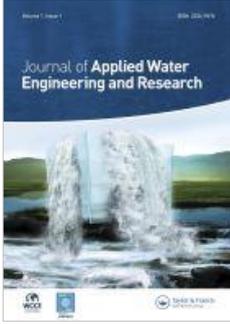
- Korea Institute of Civil Engineering and Building Technology (KICT), Rep. of Korea
- University of Ljubljana, Faculty of Civil and Geodetic Engineering, Slovenia
- Hydrostadium, France

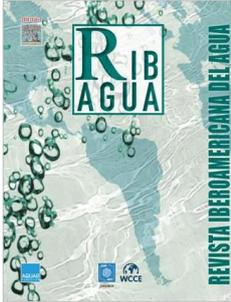
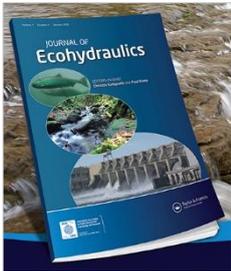
### **Membership Retention Rate**

Retention = 92.9%

## 7. IAHR Publications

### Journals

Journal	Cover	Chief Editor
Journal of Hydraulic Research		 <p><b>Prof. Mohamed Ghidaoui</b> <i>The Hong Kong University of Science and Technology Hong Kong, China</i></p>
Journal River Basin Management		 <p><b>Prof. James Ball</b> <i>University of Sydney, Australia</i></p>
Journal of Applied Water Engineering and Research  <i>Published jointly with the World Council of Civil Engineers</i>		 <p><b>Dr David Smith</b> <i>Engineer Research and Development Center US Army Corps of Engineers USA</i></p>

Journal	Cover	Chief Editor
<p>Revista Ingenieria del Agua (RIBAGUA)</p> <p><i>Published jointly with the World Council of Civil Engineers</i></p>		 <p><b>Fabian Bombardelli</b></p> <p><i>Universidad de California, Davis USA</i></p>
<p>Journal of Ecohydraulics</p>		 <p><b>Paul Kemp</b></p> <p><i>University of Southampton UK</i></p>  <p><b>Christos Katopodis</b></p> <p><i>Katopodis Ecohydraulics Ltd Canada</i></p>
<p>HydroLink</p> <p><i>IAHR's own member magazine</i></p>		 <p><b>Dr. Angelos N. Findikakis</b></p> <p><i>Bechtel Fellow, Bechtel National Inc. San Francisco, California Adjunt Professor, Stanford University USA</i></p>

In addition to these peer-reviewed journals which are published in partnership with Taylor & Francis, the IAHR Asia Pacific Division in collaboration with the Korean Water Resources Association publishes a regional journal called Journal of Hydro-Environment and Research published by Elsevier, China.

IAHR also partners with Taylor & Francis for the publications of books. During the past year an important new IAHR monograph has been published:

## 8. IAHR Awards

Awards at the 37<sup>th</sup> IAHR World Congress in Kuala Lumpur:

### Honorary Membership



**Roger Falconer, UK**

*In recognition of his outstanding contribution in promoting the development of computational modelling in hydro-environment engineering and research, and for his devoted service to IAHR in various capacities and, especially, as President of the Association during the period 2011 and 2015*



**Jörg Imberger, Australia**

*In recognition of his outstanding contribution in establishing the field of physical limnology, and as a founder member of the IAHR ecohydraulics community*



**Zhaoyin Wang, China**

*In recognition of his outstanding contribution in the field of sediment transport and river dynamics, and for his devoted service to IAHR in various capacities including most recently service as Vice President during the period 2011-2015*

### 6<sup>th</sup> M. Selim Yalin Lifetime Achievement Award



**Marcelo H. García, USA**

*In recognition of outstanding contributions in the field of numerical morphodynamics and especially in the excellence of his teaching and mentorship of young professionals as well as contribution to applied projects*

## 20<sup>th</sup> Arthur Ippen Award



**Qiuwen CHEN, China**

*In recognition of outstanding contributions in the field of environmental hydroinformatics and ecohydraulics*

## 20<sup>th</sup> Harold Jan Schoemaker Award



**Bernhard Vowinckel, UC Santa Barbara**

*for the most outstanding paper published in the Journal of Hydraulic Research during the period 2014-2016*

*“Entrainment of single particles in a turbulent open-channel flow: a numerical study” J. Hydraul. Res., 2016, 54(2), 1578-171*



**Ramandeep Jain, TU Dresden**

*for the most outstanding paper published in the Journal of Hydraulic Research during the period 2014-2016*

*“Entrainment of single particles in a turbulent open-channel flow: a numerical study” J. Hydraul. Res., 2016, 54(2), 1578-171*



**Tobias Kempe, TU Dresden**

*for the most outstanding paper published in the Journal of Hydraulic Research during the period 2014-2016*

*“Entrainment of single particles in a turbulent open-channel flow: a numerical study” J. Hydraul. Res., 2016, 54(2), 1578-171*



**Jochen Fröhlich, TU Dresden**

*for the most outstanding paper published in the Journal of Hydraulic Research during the period 2014-2016*

*“Entrainment of single particles in a turbulent open-channel flow: a numerical study” J. Hydraul. Res., 2016, 54(2), 1578-171*

## 13<sup>th</sup> John F. Kennedy Student Paper Competition

The following two students win the JFK Student Paper Competition award, as their papers and presentations are of equal, first-place merit:



**Isabella Schalko (ETH-Zurich)**

*for her paper Large wood accumulation probability at a single bridge pier*



**Sabine Chamoun (EPF-Lausanne)**

*for her paper Venting of turbidity currents: when to act?*

## 2017 Willi H. Hager JHR Best Reviewer Award



**Claudia Adduce, Università RomaTre**

*For outstanding reviews in the Journal of Hydraulic Research during the period 2015 - 2016*



**Koen Blanckaert, The Hong Kong University of Science and Technology**

*For outstanding reviews in the Journal of Hydraulic Research during the period 2015 – 2016*



**Sk Zeeshan Ali, Indian Institute of Technology Kharagpur**

*For outstanding reviews in the Journal of Hydraulic Research during the period 2015 - 2016*

### **3<sup>rd</sup> Hydro-Environment World Heritage Award**

#### **Terusan Wan Mat Saman (Wan Mat Saman Canal), Malaysia**

*Terusan Wan Mat Saman was constructed by the Prime Minister of Kedah, Wan Muhamad Saman in the last quarter of the 19th century. The purpose of the canal was to improve drainage but primarily to facilitate journeys of sampan through the waterways for the transportation of paddy and other goods. The canal constructed in 1885 southwards of Alor Setar, the present state capital, towards the mountainous range of Kedah Peak (Gunung Jerai) where the water source originates. When completed in 1895 the canal is 22 miles in length, width of 24 feet and has a depth of 5 feet. The canal also serve as route for flood mitigation during heavy rain in the Gunung Jerai mountain range.*

*The construction of the canal enables the transformation of useless swamp lands into another vast area for rice cultivation and soon attracted a large numbers of settlers along the canal. Mr. F.A. Swettenham during his visit in 1889 express his surprise by saying “the paddy fields are of greater extent than any other states I have seen elsewhere in Peninsular. The whole country up to Perlis for some distance from the coast is one vast paddy plain”.*

*Prior to the development of the Muda Irrigation project, the canal was under the care of the State of Kedah Drainage and Irrigation Department (DID). When Muda Irrigation Project was developed in the First Malaysia Plan (1966-1970), the canal was incorporated in the design by the Consultant to serve as one of the major trunk drain in the reticulation system. Since then the canal serve as major drain to paddy cultivation as well as urban drainage final discharge point for small town along the canal. The canal was then handed over to MADA for operation and maintenance from the Kedah State DID.*

### **2<sup>nd</sup> Hydro-Environment Industry Innovation Award**

#### **Stormwater Management and Road Tunnel (SMART), Malaysia**

*Download article "Stormwater Management and Road Tunnel (SMART) Flood Detection System, Operation and Performance" published in Hydrolink 2, 2016*

## 9. At Peace

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- Rex Elder (1918-2018)
- Prof. Pavel Novak (1918-2018)
- Prof. Em. Tae-Hoon Yoon (1938-2017)
- Prof. Helmut Scheuerlein (1937-2017)
- Prof. Walter Graf (1936-2017)
- Prof. Forrest Holly (1946-2017)
- Prof. Oleg Fedorovich Vasiliev (1925-2017)

For obituaries please visit:

<https://www.iahr.org/site/cms/contentChapterView.asp?chapter=28>

## 10. IAHR Sponsored Events

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### IAHR World Congress

#### 37<sup>th</sup> IAHR World Congress

13-18<sup>th</sup> August, 2017, Kuala Lumpur, Malaysia

### IAHR Regional Division Congresses

#### 5<sup>th</sup> IAHR Europe Congress

12 - 14 June 2018, Trento, Italy

<http://events.unitn.it/en/iahr2018>

Representative: Ramon Gutierrez, CBG, Corrado Gisonni Elsa Incio (?)

#### 21<sup>st</sup> Congress of the Asian Pacific Division of IAHR

02 - 05 September 2018, Yogyakarta, Indonesia

<https://iahrapd2018.ugm.ac.id/>

Representative: Hyoseop WOO, James Ball, Roger Falconer (keynote)

#### XXVIII Congreso Latinoamericano de Hidráulica

18 - 21 September 2018, Buenos Aires, Argentina

[https://www.ina.gob.ar/congreso\\_hidraulica/index.php?seccion=1](https://www.ina.gob.ar/congreso_hidraulica/index.php?seccion=1)

Representative: Jose Nicolas de Pierola Ramon Gutierrez, Arturo marcano (?) Estibaliz Serrano (?)

### IAHR Specialist Symposia

#### 7<sup>th</sup> International Symposium on Hydraulic Structures

15 - 18 May 2018, Aachen, Germany

[www.ishs2018.de](http://www.ishs2018.de)

#### 7<sup>th</sup> International Conference on the Application of Physical Modelling in Coastal and Port Engineering and Science (Coastlab18)

22 - 26 May 2018, Santander, Spain

<http://coastlab2018.com/>

## **2<sup>nd</sup> International Symposium on Hydraulic Modeling and Measuring Technology**

30 May 2018 - 01 June 2018, Nanjing, China  
<http://ishmmt2018.iahr.org.cn/16?lang=en>

## **24<sup>th</sup> IAHR International Symposium on Ice**

04 - 09 June 2018, Vladivostok, Russia  
<https://iahr-ice2018.ru/>

## **8<sup>th</sup> International Symposium on Environmental Hydraulics (ISEH 2018)**

04 - 07 June 2018, University of Notre Dame, Indiana, USA  
<https://ceees.nd.edu/iseh2018>

## **13<sup>th</sup> International Conference on Hydrosience & Engineering (ICHE)**

18 - 22 June 2018, Chongqing, China  
<http://iche2018.iahr.org.cn/2?lang=en>

## **13<sup>th</sup> International Conference on Hydroinformatics (HIC 2018)**

01 - 06 July 2018, Palermo, Italy  
<https://www.hic2018.org/>

## **12<sup>th</sup> International Symposium on Ecohydraulics**

19 - 24 August 2018, Tokyo, Japan  
[www.ise2018.com](http://www.ise2018.com)

## **6<sup>th</sup> International Conference on Estuaries and Coasts (ICEC 2018)**

20 - 23 August 2018, Caen, France  
<http://lusac.unicaen.fr/evenements/icec-2018/>

## **9<sup>th</sup> International Conference on Fluvial Hydraulics (River Flow 2018)**

03 - 07 September 2018, Lyon, France  
<https://riverflow2018.irstea.fr/>

## **29<sup>th</sup> IAHR Symposium on Hydraulic Machinery and Systems**

17 - 21 September 2018, Japan, Kyoto  
<http://www.iahrkyoto2018.org/>

## **11<sup>th</sup> International Conference on Urban Drainage Modelling (UDM 2018)**

23 - 26 September 2018, Palermo, Italy  
<https://www.udm2018.org/>

## **8<sup>th</sup> International Conference on Fluid Mechanics (ICFM8)**

25 - 28 September 2018, Sendai, Japan  
<https://icfm8.joomla.com/>

**8<sup>th</sup> IAHR International Groundwater Symposium: Water Security and Sustainability**

*17 - 20 October 2018 (to be confirmed), Nanjing, China*

**1<sup>st</sup> International Symposium on Cascade Reservoirs and Water System Operations (ISCRWSO 2018)**

*19 - 23 October 2018, Beijing, China*  
*<http://iswso2018.medmeeting.org/38?lang=en>*

**4<sup>th</sup> Arabian Coast Congress**

*March 2019 (to be confirmed), Kuwait*  
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