

# IAHR ANNUAL REPORT 2020



International Association  
for Hydro-Environment  
Engineering and Research

Hosted by  
Spain Water and IWHR, China

TOGETHER WE LEAD  
HYDRO-ENVIRONMENT  
SCIENCE AND ENGINEERING

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AGENDA  
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# IAHR ANNUAL REPORT 2020

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## ACRONYMS

APD	Asian and Pacific Division
Cap-Net	International Capacity Development Network for Sustainable Water Management
CHES	Chinese Hydraulic Engineering Society
Coastlab	International Conference on Physical Modelling in Coastal Science and Engineering
ECoENet	Early Careers on Ecohydraulics Network
EGU	European Geosciences Union
IAHR	International Association for Hydro-Environment Engineering and Research
IAHS	International Association of Hydrological Sciences
IHP	Intergovernmental Hydrological Programme
IOM	International Organization for Migration
ISE	International Symposium on Ecohydraulics
ISHS	International Symposium on Hydraulic Structures
ISOPE	International Ocean and Polar Engineering Conference
IWHR	China Institute of Water Resources and Hydropower Research
K-Water	Korea Water Resources Corporation
NHRI	Nanjing Hydraulic Research Institute
OHCHR	Office of the High Commissioner for Human Rights
RDs	Regional Divisions
SDC	Swiss Agency for Development and Cooperation
SDGs	Sustainable Development Goals
TCs	Technical Committees
UNHCR	United Nations High Commissioner for Refugees
WCCE	World Council of Civil Engineers
WfWP	Women for Water Partnership
WGs	Working Groups
WWD	World Water Day
YPN	Young Professionals Network

# 2020 A MOST UNUSUAL YEAR

These words will sound familiar to anyone from any corner of the world this year: 2020 has turned out to be the most unusual year as a result of the COVID-19 outbreak. But if someone could read this message in the future and find out how the year unfolded – just as people who consult our collection of old IAHR World Congress proceedings learn what that each period of time was like– I assure you that the coronavirus literally turned the world upside down in 2020. The fact is, however, that this upheaval has revealed some key elements that have strengthened IAHR.

First, the growth of online tools has made international communication so much easier. IAHR embraced this change and took the lead in this new era with a special online event on Hydro-environment Engineering and Adaptation to Climate Change to commemorate World Water Day in March 2020. The success was followed by the Asian and Pacific Division Congress, the lecture on How to Write a Good Paper, the series of webinars on Global Water Security, and specialty conferences such as River Flow 2020, ISE 2020, the first Young Professionals Congress, and CoastLab 2020 - all organised online. In addition to these very successful virtual gatherings, the most memorable event was the IAHR 85th Anniversary Summit, which was organised both online and offline with more than a dozen sessions. The anniversary ceremony was attended by the Minister of Water, Irrigation, and Energy from Ethiopia, the Vice-Minister of Water Resources of China, representatives from both IWHR and Spain Water, and other distinguished guests.

Secondly, this crisis has brought to light not only the importance of science and research for life but also the need for the dissemination of the results of this research through peer-reviewed journals, as well as society's

**Professor Joseph Hun-wei Lee**  
IAHR President



interest in being well informed. The newly implemented IAHR Strategic Plan for 2020-2023 revolves around four pillars, and one of these pillars is to inspire, disseminate, and catalyse state-of-the-art knowledge and thinking. This is closely connected to what the society demands nowadays, and IAHR has heeded this call through its journals, a new monograph on Climate Change-Sensitive Water Resources Management, and the continuation of the White Paper Series.

For the third element, I would highlight that COVID has shown us that the solution is global for this and future challenges, and the crisis has also shed a light on the importance of international cooperation in boosting fundamental research. In this sense, IAHR has welcomed 6 new Institute members, 682 new individual members, and 9 new Young Professionals Networks in 2020, which strengthens our association, while at the same time we have made good progress in elevating diversity issues such as gender equity and the needs of young professionals.

This annual report highlights some of our activities in this odd year for which I would like to thank the efforts of the members of the IAHR Council and Executive Committee. I would also like to thank the members of the Committees created in 2020 under our new IAHR structure that reflects the active involvement of our members, who are the core of the Association and the essence of our contribution to Society.

# FROM VISION TO ACTION

**Tom Soo**  
IAHR Executive Director



In 2020 IAHR met the complex challenges brought about by a once-in-a-century pandemic head-on, deftly moving the hydro environment agenda forward and successfully introducing a new four-year strategy. The year certainly revealed the remarkable capacity of IAHR's whole community to adapt and innovate in unprecedented ways.

The year started out strongly, with our new Executive Committee and Council adopting a new and exciting 4-year strategy. Going forward, IAHR's array of dedicated committees and task forces will mobilise the entire IAHR community in a more dynamic and cooperative manner. The strengths of the organisation were immediately called to action as IAHR implemented the four pillars of its strategic plan for 2020-2023. These four pillars form the basic structure of this annual report: i) providing a world class international networking platform and improving the member experience; ii) inspiring, disseminating and catalysing state-of-the-art knowledge and thinking; iii) convening events that set agendas, harness, and amplify the knowledge of the global hydro-environment community; and iv) acting as a global voice on behalf of the hydro-environment engineering industry and research community. In a time when the pandemic snatched away the pleasure of meeting one another and collaborating in person, our networking platforms proved to be invaluable for connecting members and enabling everyone to continue organising inspiring events where our collective energies could further our mission of generating knowledge and amplifying the voices of the entire Hydro-Environment community.

The contributions of our members in 2020 were the vital force that allowed our organisation to innovate from the crisis stronger and with improved resilience. A series of successful online events and specialised webinars were introduced that mobilised leading speakers from around the world culminating in our 85th Anniversary celebration; increased engagement with the youth was achieved through the first ever Young Professionals Online Congress; a strengthening portfolio of new white papers, publications, and partnerships were developed; new digital knowledge products in the form of recorded videos of lectures, presentations, and discussion forums by international experts were made publicly available; and the dynamic communications that were built through our social media and new website and member platform are reaching ever wider audiences. These are just a few examples of how all our community worked and innovated in 2020 to propel IAHR forward towards new horizons.

I would like to thank the entire IAHR community for the hard work throughout this very unique year, and extend my heartfelt gratitude to the technical committees, the regional representatives, our experts, leadership groups, the secretariat and all our members. You are truly what made this year a success.



# Providing a world class international networking platform and improving the member experience

Even if 2020 was a year full of complications and challenges, the association tapped into new opportunities and strengthened ways to provide a world class international networking platform and member experience for knowledge makers and consumers, top and emerging scholars and leaders in the field of hydro-environmental science, engineering and research to meet, collaborate, exchange, further careers, promote work, and augment influence on state-of-the-art projects and the world's grand engineering challenges.

IAHR engages today's experts and helps prepare the next generation to respond to the complexities of future challenges.



## IAHR membership in numbers

3,743

Individual members

121

Institute members

44

Young Professionals Networks

291  NORTH AMERICA

995  EUROPE

1,837  ASIA AND THE PACIFIC

53  MENA

24  AFRICA

567  LATIN AMERICA



## NEW DIGITAL PLATFORM AND WEBSITE FOR MEMBERS

Enhanced and more secure digital modules in 2020 to better serve our members, including: a fully revamped website; new digital services and networking platforms; a new events management module; a renewed document and video library; and a virtual conferencing platform that has been empowering and positioning the association in delivering a series of high-quality and successful webinars. The development of the platforms was supported by IWHR, China

**125,693** > Unique visitors

**464,390** > Page views

**5 m 54 s** > Average session duration

## NEWSFLASH NEWSLETTERS

Giving visibility to IAHR activities and communities around the world

### SUBSCRIBERS

NewsFlash World > **20,000**

NewsFlash Iberoamerica > **7,500**

NewsFlash Europe > **5,000**

## IAHR SOCIAL MEDIA

Increasing engagement and interest in IAHR

### Facebook

Followers > **2,736** | **+19%** from Jan. to Dec.

### LinkedIn

Followers > **3,524** | **+27.5%** from June to Dec.

### Twitter

Followers > **1,760** | **+20%** from June to Dec.

### Instagram

Followers > **657** | Created in Feb. 2020

### WeChat

Followers > **2,664** | **+42.23%** from Jan. to Dec.  
**17,172** views

## IAHR Regional Divisions adapt to online technologies

**IAHR's four Regional Divisions (RDs) guarantee that regional hydro-environment concerns and priorities are taken into consideration and ensure the regional relevance and impact of the association's activities.**

Throughout the year there had been plans to hold physical congresses in different regions throughout the world. The constraints imposed by the global COVID-19 pandemic led to a major shift from all of the RDs towards virtual events and activities hosted on digital platforms.

**Warsaw, Poland**

**6th IAHR Europe Congress**

Postponed to 2021

**Acapulco, Mexico**

**XXIX IAHR Latin-American Congress on Hydraulics**

Postponed to 2021

**Sapporo, Japan**

**22nd Congress of the IAHR Asian and Pacific Division**

Celebrated online

### A renewed focus on Africa

Water is an absolutely crucial ingredient for inclusive and sustainable growth across Africa.

Yet, the fragility of water security in the region and ongoing challenges to access water or develop hydro-environment skills and capacity still mean that widespread potential remains to be unleashed throughout the continent.

In 2020, IAHR has placed a renewed focus on African development, notably via a powerful series of online sessions that brought voices from across the continent dedicated to the topic of Water Security in Africa.



### 22nd Congress IAHR Asian and Pacific Division 15–16 September 2020

Originally expected to be organised as a physical event in Sapporo, Japan, IAHR's Asian and Pacific Division (APD) acted upon new digital opportunities to celebrate its 22nd Congress fully online.

Partnering with Hokkaido University, the event brought together over 400 participants per session over 6 parallel sessions under the overall theme 'Creating Resilience to Water-related Challenges'.

# 272

papers received

# 27

countries

# 400

participants per session



## IAHR Technical Committees and Working Groups

**Throughout 2020, the Technical Committees (TCs) and Working Groups (WGs) strengthened the core knowledge of the association.**

Adapting very quickly to the unusual circumstances, the network made terrific progress in the course of the year on bringing the community together, exchanging and working on the latest hydro-environment knowledge, and outreaching to other events and processes.

In 2020, the IAHR Technical Committees and Working Groups played a key role in the organisation of IAHR main events such as the World Congress, the 85th Anniversary Summit and the Young Professionals Congress, and contributed their expertise to IAHR publications.

**19 Technical Committees**

**8 Working Groups**

**New Working Group**

**+1**

**Transient Flows**

### Switching to online

- **10th International Conference on Fluvial Hydraulics-River Flow 2020** | 6–17 July

The first ever online River Flow Conference took stock of the current state of fluvial hydraulic research advances.

- **13th International Symposium on Ecohydraulics (ISE 2020)** | 23–24 November

The virtual symposium version included experts' presentations, an ECoENet meeting for early career researchers and a forum for all community members.

- **25th IAHR International Symposium on Ice** 23–25 November

The virtual symposium covered a range of topics within research on ice processes, the utilisation of remote sensed data, and engineering aspects.

**More than 420 participants**  
**300 papers presented**

**Stephen E. Coleman Best Paper Award**  
to Emeline Perret

**560 participants**

**109 participants**  
**87 papers submitted for the technical sessions**

### Strengthening interdisciplinarity: Ecohydraulics

Current global challenges call for a strong interdisciplinary approach to mitigate and adapt to issues such as climate change and biodiversity loss in an ever-evolving socio-economic landscape. The water solutions of the future will combine green and grey approaches.

IAHR is strengthening our collective understanding and the innovations in ecohydraulics and nature-based solutions through the Journal of Ecohydraulics, the work and activities of the Technical Committee on Ecohydraulics, and the organisation of various online sessions bringing together leading experts from around the world.

## Outreaching to other events and processes

- **Special sessions on Hydroinformatics and Sediment Transport at the 2020 European Geosciences Union (EGU) General Assembly** | 4–8 May

## Uplifting forward thinking: Artificial Intelligence

“Artificial Intelligence is the ability of machines to perceive the environment and to take actions maximising the chances of successfully achieving specific objectives. The advantages provided by AI applications are evident when large amounts of data have to be analysed in complex systems when several strategic (and sometimes conflicting) objectives have to be maximised”.

IAHR is building a growing global dynamic linking the latest knowledge and innovations with experts and key stakeholders from around the world. 2020 ushered in a series of actions such as the publication of the first special issue of Hydrolink on Artificial Intelligence (AI), and the organisation of online events attracting thousands of page visits that targeted the role of AI in key issues such as digital technologies for water supply systems, and digital transition for environmental preservation.





## Innovating with IAHR Young Professionals Networks

**IAHR Young Professionals Networks (YPNs) ensure that new generations of future hydro-environment professionals and researchers have the opportunity to engage in IAHR activities, network, and connect with peers and senior IAHR members, receive mentoring and support, and get access to the latest knowledge, information and know-how in the early stage of their careers.**

In 2020, IAHR strategically prioritised YPN members as the backbone of the future IAHR. A concerted series of actions including webinars, virtual presentations, field visits, lectures, interviews, podcast series, workshops, conferences, and congresses demonstrating the innovative and creative power and commitment of IAHR's Young Professionals Networks was organised by each YPN and in collaboration with each other.

### Providing young professionals with an international platform for visibility, networking and mentoring

Led by the IAHR technical committee on Education and Professional Development, the inaugural IAHR Young Professionals (YP) Congress gave young professionals the opportunity to present their work and access mentoring from leading global experts.

Representing a unique opportunity for networking and promoting the work of young professionals and researchers, the success of the 2020 YP Congress has ensured that the event is now established as an ongoing annual series organised by young professionals and for young professionals.

**1st IAHR Young Professionals Congress**  
November 2020

**924 registrations**  
**145 papers submitted**

**44 YPNs**

**1,483 YPNs affiliates**

**+9 New YPNs**

**Poland YPN**

**Chile YPN**

**Korea University YPN**

**Seoul National University YPN**

**Spain YPN**

**Peru YPN**

**Yonsei University YPN**

**Roma Tre YPN**

**Queensland YPN**

### Guiding students and young researchers

Paper writing is one of the most challenging issues students face during their academic education and an essential element in a research career. The IAHR Webinar Series on Paper Writing guides students and young researchers through the writing process and provides them with good examples, guidelines, best practices, and tips while allowing the participants to interact with experienced and knowledgeable editors-in-chief.

#### **IAHR Webinar Series on Paper Writing**

How to Write a Good Paper: an Editor's Perspective  
16 July

### Fostering regional cooperation

Created at the initiative of the IAHR Panama YPN, the Ibero-American YPN working group created in 2020 facilitates the exchange of experiences and knowledge between the different YPNs from Latin America and Spain and identifies opportunities for collaboration.

#### **Ibero-American YPN working group**

More than 70 members

## A growing community of Institute members

A growing vibrant and global community of organisations, authorities, laboratories, companies, and educational institutions involved in hydro-environment engineering, research, water resources management, practice and application.

In 2020, IAHR's Institute members continued to regularly collaborate with IAHR technical committees, provide research and professional opportunities for YPN members and share their knowledge and practical experiences with the whole community.

**121 Institute members**

**45 countries**

**+6 New Institute members**

**China Water Engineering Association. China**

**Iberdrola. Spain**

**Indian Institute of Technology**

**Gandhinagar. India**

**Saudi Irrigation Organization. Saudi Arabia**

**Thessaloniki Water Supply and**

**Sewerage Company, S.A. Greece**

**Universitas Muhammadiyah Yogyakarta.**

**Indonesia**





22 Institute members attended the  
1st IAHR virtual exhibition on the occasion  
of the IAHR 85th Anniversary Summit.



Univerza v Ljubljani  
Fakulteta za gradbeništvo in geodezijo







# Inspiring, disseminating and catalysing state-of-the-art knowledge and thinking

IAHR's knowledge products continued to be strengthened throughout 2020 with its portfolio of publications including peer-reviewed journals and magazines, scientific and technical proceedings, books, monographs, and white papers.

IAHR publishes and boosts  
hydro-environment  
research excellence.

## IAHR Journals continue to reach new heights

The dedicated team of experts and professionals who edit and contribute to the association's suite of journals, continues to grow the quality and impact of hydro-environment knowledge around the world.

# 219,375

paper downloads

# +37%

paper downloads from 2019

# 1,225

papers submitted

### Most read article

*Bedload transport: a walk between randomness and determinism. Part 1. The state of the art.*

By Christophe Ancey, *Journal of Hydraulic Research*.  
Volume 58, 2020, Issue 1, pp. 1-17.

### Most cited article

*Simulation of the depth scouring downstream sluice gate: The validation of newly developed data-intelligent models.*

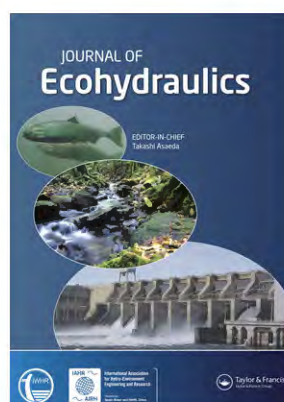
By A. Sharafati, A. Tafarojnoruz, M. Shourian and Z.M. Yaseen, *Journal of Hydro-environment Research*, Volume 29, 2020, pp. 20-30.



**2.568**  
Impact factor



**+21%**  
Paper downloads



**+64%**  
Paper downloads



**+23%**  
Paper downloads

### Asia and the Pacific



**2.470**  
Impact factor

### Latin America



**+93%**  
Paper downloads



**Now indexed  
in Latindex!**



## Sourcing cutting-edge research

IAHR proceedings contribute with valuable insights into hydro-environment research. In 2020 and for the first time the association published the proceedings of the 1st IAHR Young Professionals Congress as an opportunity for early careers researchers in the hydro-environment field to benefit from a proceeding paper publishing experience.

## Bringing research into practice

Published quarterly since 1964, the IAHR members magazine Hydrolink brings the latest on hydro-environment research application to practice.

### Thematic focus in 2020

Climate Change  
Hydraulic transients  
85th IAHR Anniversary  
Artificial Intelligence

## Catalysing thinking and inspiring debate on emerging issues

Addressed to the wide community of professionals, researchers, stakeholders, and end-users, the IAHR White Paper Series catalyses thinking, inspires debate, facilitates applying scientific knowledge to global water problems, and reveals complex and emerging issues in hydro-environment and engineering research.

### Published in 2020

Climate change adaptation in water engineering

## Facilitating understanding of technical issues

The IAHR Book Series brings readers cutting-edge approaches to understanding critical and technical issues.

### Published in 2020

Hydraulics of Levee Overtopping  
Climate Change-Sensitive Water Resources Management

## 6 Proceedings | 926 Papers

ISHS 2020 | 35 Papers  
River Flow 2020 | 335 Papers  
22nd IAHR APD Congress | 272 Papers  
1st IAHR YP Congress | 145 Papers  
Coastlab 2020 | 51 Papers  
25th IAHR International Symposium on Ice | 88 Papers



## Hydrolink



## White Paper Series



## Book Series







# Convening events that set agendas, harness, and amplify the collective knowledge of the global hydro-environment community

In 2020, IAHR brought innovative approaches to its events and learning experiences, including developing a more popular digital and online presence. Videos, lectures and discussions are now easily available online, and on demand to water professionals, researchers and policy makers around the world.

IAHR convenes congresses, symposiums, seminars, workshops, and meetings and provides learning experiences around the world on the latest and most pertinent subject areas and emerging areas of interest.

## 2020 events highlights

### FEBRUARY

Improving visibility of main issues of concern at the national level

IAHR–Spain Water Day: Sedimentary Dynamics in Sustainable Management of Rivers and Coasts | Madrid, Spain

### MARCH

Aligning IAHR events with the international agenda

IAHR World Water Day 2020 Special Event: Hydro–environment Engineering and Adaptation to Climate Change | Online

### JULY

10th International Conference on Fluvial Hydraulics (River Flow 2020) | Online

Guiding and mentoring students and young researchers

How to Write a Good Paper: An Editor's Perspective | Online

### SEPTEMBER

Focusing on issues of concern at the global level

The Business on Global Water Security: Linking Knowledge to Practice | Online

Advancing gender and diversity issues

1st IAHR Coffee Chat for Young Professional Women: How to Develop Sustainable Mentor Relationships | Online

Addressing regional challenges

22nd Congress of the IAHR Asian and Pacific Division | Online

Course: Groundwater Hydraulics | Online

### OCTOBER

3rd Technical Conference of the IAHR Spain Chapter: Current Issues in Water Engineering | Online

30th International Ocean and Polar Engineering Conference (ISOPE 2020) | Online

2020 Chinese Hydraulic Engineering Society (CHES) Annual Conference International Session | Online

### NOVEMBER

UHINAK IV Cross-border Conference on Climate and Coastal Change | Online

Providing young professionals with an international platform for visibility, networking, and mentoring

1st IAHR Young Professionals Congress | Online

International Conference on River Morphology and Flood Control Piura River | Online

Addressing complex problems that cut across traditional disciplines

13th International Symposium on Ecohydraulics (ISE 2020) | Online

25th IAHR International Symposium on Ice | Online

From the Myths of Hercules to the Reality of Climate Change | Online

### DECEMBER

8th International Conference on Physical Modelling in Coastal Science and Engineering (Coastlab 2020) | Online

The Science of Global Water Security: Linking Knowledge to Solutions | Online

Recognising and celebrating achievements

IAHR 85th Anniversary Summit | Online

In blue, IAHR events | In grey, IAHR co-sponsored events

\* Playbacks of all IAHR virtual events that took place in 2020 are publicly accessible online.



## Recognising and celebrating achievements

### IAHR 85th Anniversary Summit

From 14 to 17 December, the association organised a week-long online IAHR 85th Anniversary Summit with the participation of more than 85 respected experts giving vision talks, keynote lectures, and technical reports to celebrate IAHR's extraordinary achievements as the global leader in hydroenvironmental research and engineering.

While reflecting on the many outstanding legacies of the past 85 years, the summit was a great experience to inform our hydro-environment future.

The summit combined offline conferences in Beijing, China, and online sessions, live-streamed webinars, lectures, and a virtual get-together of prestigious IAHR members with the whole IAHR community.

Ecohydraulics, Climate Change, Coastal Resilience, Artificial Intelligence and Water, and Water Security in Africa were among the issues discussed.

## Focusing on issues of concern at the global level

### Global Water Security

With a growing international focus on global water security, and IAHR having considerable expertise in a wide range of related subjects, the IAHR Working Group on Global Water Security decided to further strengthen ties between the association and the international water stakeholder community by delivering a series of webinars on various aspects of global water security.

The webinars included a range of high-profile speakers and organisations, including internationally renowned leaders from Arup, Deltares, NHRI (China), the Spanish Ministry for Ecological Transition, to mention but a few.

## Aligning IAHR events with the international agenda

**'Water and Climate Change'** was the focus of World Water Day in 2020



### 85 years of IAHR

In 2020 the association celebrated its 85th anniversary since its creation in September 1935 by a group of 66 visionary directors of hydraulic laboratories from Europe and the USA as the 'International Association for Hydraulic Structures Research' with the goal of advancing international cooperation in hydromechanics and its application to hydraulic engineering.

**14 sessions**  
**+85 notable speakers**  
**70,057 total page views**  
**7,458 playback views**  
**Participants from 124 countries**

### IAHR Webinar Series on Global Water Security

The Business of Global Water Security:  
Linking Knowledge to Practice | 10 September

The Science of Global Water Security:  
Linking Knowledge to Solutions | 15 December

**2021**

3 upcoming events on Water Security

**2023**

1st IAHR International Conference  
on Global Water Security

### IAHR World Water Day Special Event

Hydro-environment Engineering and Adaptation  
to Climate Change | 21 March







# Acting as a global voice on behalf of the hydro-environment engineering industry and research community

Our ability to raise the voice and concerns of our members was greatly reinforced in 2020 through closer engagement and collaboration with global action processes and multi-stakeholder platforms.

An organisation of international experts working with strategic partners for global outreach and advocacy on matters of interest and importance to our members.



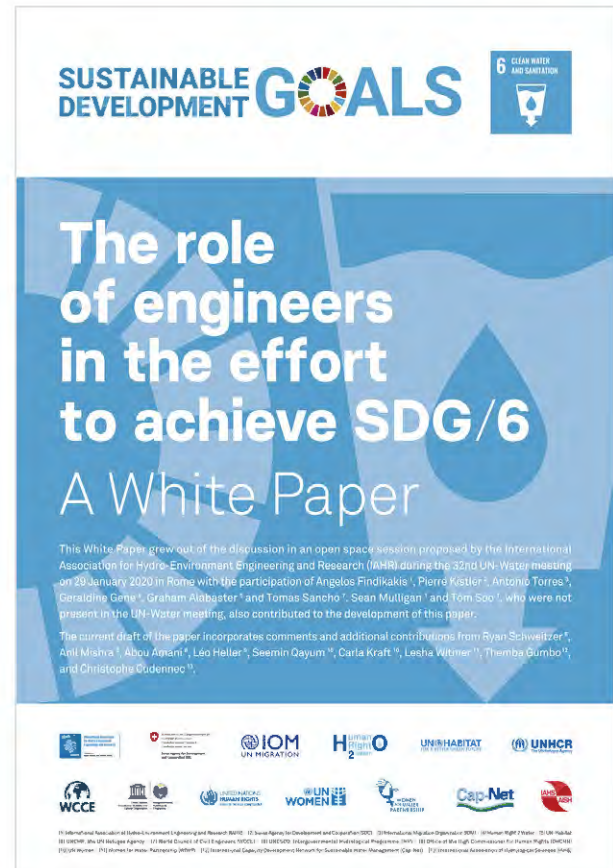
## Joining ongoing global processes and discussions

### The role of engineers in the effort to achieve SDG/6. A White Paper

Emerging from discussions at an open space session proposed by IAHR during the 32nd UN-Water meeting, this white paper intends to provide an overview of the contribution of engineering to the effort to achieve the water-related Sustainable Development Goals (SDGs) of Agenda 2030 and to discuss the role engineers should play in both expanding their horizons beyond the confines of their traditional engineering education and embracing a human rights-based approach.

#### In collaboration with:

The Swiss Agency for Development and Cooperation (SDC), the International Organization for Migration (IOM), Human Right 2 Water, UN-Habitat, the UN Refugee Agency (UNHCR), the World Council of Civil Engineers (WCCE), UNESCO's Intergovernmental Hydrological Programme (IHP), the Office of the High Commissioner for Human Rights (OHCHR), UN Women, the Women for Water Partnership (WfWP), the International Capacity Development Network for Sustainable Water Management (Cap-Net), and the International Association of Hydrological Sciences (IAHS).



## Advancing gender and diversity issues

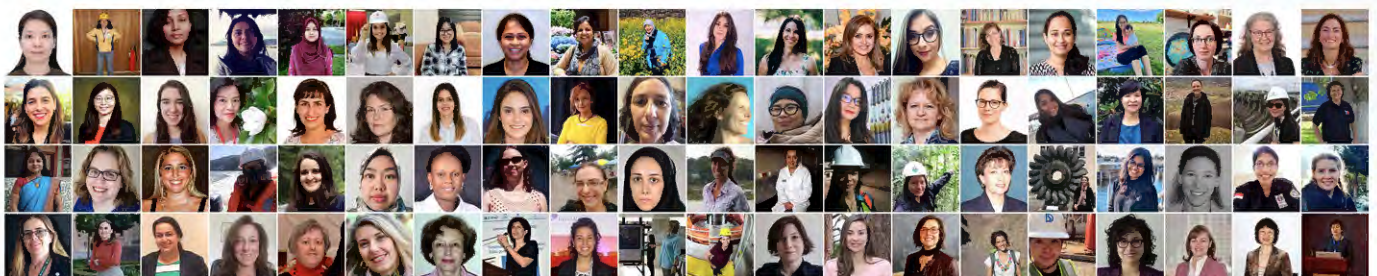
With the aim of raising the voice and visibility of women who are active within the association, identifying and implementing actions to improve equal opportunity and related representation of women in IAHR, encouraging women's engagement and a balanced membership, and engaging with international processes promoting women in hydro-environment engineering at all levels, the IAHR created a task force on Strengthening Diversity and Gender Equity which carried out its first activities in 2020.

### Launch of IAHR Coffee Chat Series

1st Coffee Chat: How to develop sustainable mentor relationships | 10 September 2020

### IAHR Women's Voices Video Series

An opportunity for IAHR women members to make their voice heard.





## Listening to our members' voices

IAHR members' voices and concerns guide the association on its continuing path towards a better future for water and the environment.

The IAHR Talks Interview Series allows their voices to be heard within the association and puts the association's collective voice forward.

## IAHR Talks in 2020

New hydro-disciplines  
Professional development  
Research and early career researchers  
The African region  
Innovations in hydropower  
Gender equity  
Virtual events experience  
Ecohydraulics  
Water security  
IAHR history



## Building strong alliances

Faced with common global water challenges and the need to comprehensively understand, develop, and manage water resources, the Korea Water Resources Corporation (K-Water) and the IAHR signed a partnering agreement to collaborate and work together in areas of shared interest.



# IAHR FINANCIAL OVERVIEW 2020



TOTAL INCOME	
Membership	46 %
Events	1 %
Publications	48 %
Grants	2 %
Other	3 %

TOTAL EXPENDITURE	
Human resources	66 %
Events and operations	13 %
Publications	21 %
The 2020 financial balance of the association was negative: -60,361 EUR	

IAHR's 2020 financial year closed out with a deficit which is explained in part due to the pandemic-related postponement of IAHR events around the world, including the 39th IAHR World Congress as well as the departure of a financial sponsor. Throughout the year, IAHR recorded slight increases in publications income and other sources.

## Donors and Grants

### Gift from Dr K. K. Wong to create a distinguished lectureship and support IAHR activity

A gift from Dr K. K. Wong from the Hong Kong SAR China will enable IAHR to create a new distinguished lectureship, the Donald R. F. Harleman Lectureship, to be awarded during IAHR's next World Congress and subsequent congresses. Dr Wong's gift also will support IAHR's Arthur T. Ippen Award and John F. Kennedy-YPN Award.

### Grant support from China

IAHR acknowledges the grant support provided by the Ministry of Water Resources of China that continued throughout 2020.



## Special acknowledgement

Support and contributions to IAHR from Host Organisations Spain Water (General Directorate for Water, General Directorate for Coasts and Sea, CEDEX) and the China Institute of Water Resources and Hydropower Research (IWHR)

IAHR recognises and warmly thanks IWHR and Spain Water for their continued support of the IAHR secretariat and activities through the provision of in-kind support. In particular, 2020 saw both organisations supporting a number of IAHR related events. Highlights included the IWHR support of the IAHR 85th Anniversary and the Global Water Security Webinar Series; and the Spain Water support on the seminar on Sedimentary Dynamics in Sustainable Management of Rivers and Coasts and preparatory activities for the 39th IAHR World Congress, to be held in Granada, Spain, in June 2022. IAHR also acknowledges the special contribution from IWHR in 2020 regarding the support and development of IT systems and services for IAHR's website hosting and membership management systems.





Hosted by  
Spain Water  
and IWHR, China

# 39<sup>th</sup> IAHR WORLD CONGRESS GRANADA, SPAIN 2022 From Snow to Sea



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## #FromSnowToSea



Organized by:

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International Association  
for Hydro-Environment  
Engineering and Research

Hosted by  
Spain Water and IWHR, China



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## About IAHR

The International Association for Hydro-Environment Engineering and Research (IAHR), founded in 1935 as the “International Association for Hydraulic Structures Research”, is a non-profit, global, independent members-based organisation of engineers and water specialists working in fields related to the hydro-environmental sciences and their practical application. Activities range from river and maritime hydraulics to water resources development and ecohydraulics, through to ice engineering, hydro-informatics, flood risk management and continuing education and training.

IAHR stimulates and promotes both research and its application, and by so doing contributes to sustainable development, the optimisation of world water resources management, the protection of the environment and a better water future for all.

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