

2021 Annual Report of activities





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

Hosted by
Spain Water and IWHR, China

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IAHR Cardiff Young Professionals Network

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IAHR Cardiff Young Professionals Network

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1. Introduction

The Cardiff chapter of the IAHR YPN was formed in 2014 with the aim of bringing together members of the scientific community from both academia and industry to share current research and practice in the field of water resources.

The network includes researchers from Cardiff University's Hydro-environmental Research Centre and young professionals from local companies who specialise in hydro-environmental engineering. The Young Professionals Network evolved from the Cardiff University IAHR Student Chapter, which originally consisted of PhD Students only in the Hydro-environmental Research Centre.

Whilst we are still primarily based in Wales, the network are increasingly expanding the scope of our membership from around the UK and beyond. The network often runs events with other young professional/early career groups, looking to encourage inter-disciplinary activities. Since the onset of the Coronavirus pandemic the primary aim of the YPN has been to provide a framework for small social and professional activities to renew the young professionals community.

2. 2021 main goal and key objectives

- To create a more inclusive atmosphere to all events so that a wider range of people can get involved and engage with our work.
- Increase digital visibility (social media etc.)
- Provide a support system for our members in their progression as researchers.

3. Composition

Officers

President

Nicolas	Hanousek
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Vice President

Samuel	Rowley
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Advisor

Pablo	Ouro
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Secretary

Guglielmo	Sonnino Sorisio
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Treasurer

Fawaz Mohammed	Y Alzabari
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List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Abdulrahman	Seraj Almalki	Saudi Arabia	Student
Bikash	Ranabhat	United Kingdom	Student
Bin	Guo	United Kingdom	Student
Catherine	Leech	United Kingdom	Student
Ceri	Howells	United Kingdom	Student
Chris	Ellis	United Kingdom	Professional
Daniel	Wall	United Kingdom	Professional
Daniela	Bonazzi Sodek	Brazil	Professional
David	Furnues	United Kingdom	Student
Fawaz Mohammed	Y Alzabari	United Kingdom	Student
Filipa	Adzic	United Kingdom	Student
Guglielmo	Sonnino Sorisio	United Kingdom	Student
Nailah	Al-Tuwaigi	United Kingdom	Student
Nefeli	Makrygiannin	United Kingdom	Student
Nicolas	Hanousek	United Kingdom	Student
Samuel	Rowley	United Kingdom	Student
Santiago	Lopez	United Kingdom	Student
Shahla	Nassrullah	United Kingdom	Student

4. Communications

Website	https://www.iahr.org/index/committe/29
Facebook	https://www.facebook.com/IAHRcardiffYPN/
Twitter	https://mobile.twitter.com/ypncardiff
Instagram	n/a
Linkedin	n/a
Other	n/a

[Promotional and information materials]

Newsletter/s	2021 Newsletter due to be published in Q1 2022
Publication/s	Listed in newsletter(s)
Other	

5. Activities

Activity 1

Picture/s	Summer Barbecue
	12 th August 2021


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	Objectives <i>First in-person event since lockdown, motivate members to come out and get to know each other.</i>
	Description <i>On a sunny Welsh afternoon, we met in the city's largest park and shared a casual meal. Food was shared and ranged from classic British barbecue foods to Iraqi marinated kebabs, and vegetarian options.</i>

Activity 2

Picture/s	Board Games Night
	Dates 4 th November 2021
	Objectives <i>Inclusive social event to motivate members.</i>
	Description An evening event where members played board games at a local café.

Activity 3

	Young Professionals Congress Pre-Event
	Dates 26 th November 2021
	Objectives <i>Develop relationship with Irish YPN Present members research Provide feedback to members on presentations</i>
	Description Ahead of the IAHR Young Professionals Congress we held a joint session with the Irish YPN where members presented their upcoming presentations to a smaller group with a particular emphasis on providing feedback and advice to the presenters.

Activity 4

	Christmas Lunch
	03/12/2021
	Objectives <i>Final catch up of the year and opportunity to meet members that could not attend previous activities.</i>
	Description <i>Lunch a restaurant in Cardiff before the majority of members departed for the Christmas break.</i>

Have you organised any activities to promote membership? If yes, please include them

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
Cardiff University Water Research Institute	Shared responsibility for organising some seminar events and online competitions/events for early career members
GW4 Water Security Alliance	Shared responsibility for organising some seminar events, academic support for student members
WISE CDT	Sponsorship of student membership and support for online events
Cardiff University Doctoral Academy	Sponsorship of in-person events
CIWEM	Student membership, online professional development and networking opportunities, industry speakers for some seminar events
Natural Resource Wales	Industry speakers for seminar events and research teaching opportunities

Collaboration with other YPNs

YPN name	Description of collaboration
YPN Ireland	A joint event was run prior to the IAHR YPN Congress, with the agreement to carry out similar style events ahead of future IAHR conferences (such as the 2022 Global Congress). We hope to

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	continue this connection and even expand it to international travel opportunities.
YPN Scandinavia	The Scandinavian YPN reached out for guidance in the early stages of setting up their network in terms of structure, popular activities etc.

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

The IAHR YPN Cardiff contributes to the IAHR's vision and strategic plan by providing a platform for young professionals in the UK to be involved in the IAHR at a local and international level. Members of the group have presented in this period at the 6th IAHR Europe Congress, the 2nd IAHR Young Professionals Congress, as well as other events. The Cardiff YPN has collaborated to varying degrees with multiple other YPN's, and been represented at the YPN Congress roundtable event discussing the management and methods of the various networks.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

The Cardiff YPN has aimed to bring together the collective researchers to ensure a sense of post-pandemic community. This has included a number of social events and opportunity to present their works, both internally and to other YPNs. This period has been key in highlighting the way that moving from an in-person oriented group to a mixed/digitally connected group can extend the network further beyond our current reach.

IAHR Universidad Nacional de Ingeniería - GEAHH Young Professionals Network

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IAHR UNIVERSIDAD NACIONAL DE INGENIERÍA - GEAHH- Young Profesional Network

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1. Introduction

We are students of Civil Engineering at the National University of Engineering. We have affinity with the Hydraulics and Hydrology branch of our career. Given this, the topics we discuss are mainly hydraulic structures, data science, geographic information systems. Our YPN develops conferences, workshops and internal activities related to the mentioned topics.

2. 2021 main goal and key objectives

Our YPN aims to promote, disseminate and develop activities that contribute to the engineering training (including academic plans, workshops, research and leadership) to students of the Faculty of Civil Engineering of the National University of Engineering, contemplating a projection towards other universities and institutions, in the areas of hydraulics and hydrology, and also to share knowledge and experiences in the field of engineering and research related to water.

3. Composition

Officers

President

José Luis	Hinostroza Gonzales
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Vice President

Jorge Manuel	Wu Esquivel
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Advisor

Julio Martin	Kuroiwa Zevallos
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List of members


Name	Surname	Country	Membership category (student or professional affiliate)
Dante Ramiro	Lucano Alarco	Peru	student
Piero Edson	Edson Conislla	Peru	student
Gerles Ediver	Mediana Orellano	Peru	student
Pablo José	Mendoza Sabchez	Peru	student
Anthony	Torre Palomino	Peru	student
Jharol Jhordan	Tovar Quintanilla	Peru	student
Maggie Rebeca	Mallqui Astocaza	Peru	student
Leonardo Miguel	Peña Vilca	Peru	student
Erick Kevin	Claros Chagua	Peru	student
Adriana Mercedes	Bravo de la Torre	Peru	student
Jorge Alberto	Sotelo Sajami	Peru	student
Mitsue Mishel	Huatuco Miranda	Peru	student

4. Communications


Website	
Facebook	https://www.facebook.com/geahh.uni
Twitter	
Instagram	https://www.instagram.com/geahh_uni_peru/
Linkedin	www.linkedin.com/in/iahr-uni-geahh
Other	

5. Activities


Activity 1

	<p>Workshop: An introduction to R and Rstudio. Applications in Hydrology</p> <p>Dates June 17th, 2021</p> <p>Objectives : <i>Teach the applications of the R language in Hydrology to the assistants</i></p> <p>Description Before the beginning of the workshop it was indicated to install Rstudio, download the libraries and the files that would be used in the session.</p> <p>It started with some basic operations in Rstudio. The use of R libraries for precipitation data were explained with examples.</p>
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Activity 2


	<p>Webinar: Recent Research in River Engineering</p> <p>Date December 01st, 2021</p> <p>Objectives <i>To share some research that involves rivers in South America</i></p> <p>Description This seminar focused on the topic of morphodynamics in Andes rivers. Different methodologies to study rivers were presented in the online webinar.</p>
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Activity 3

	“Proyecto Tiburoncitos”
	Dates October Saturdays, 2021
	Objectives <i>To present an overview of the Hydraulics and Hydrology branch in civil engineering to students in their first years at university.</i>
	Description This activity consisted in different seminars in Zoom: It was presented theory of the topics: Hydroelectric power, dam, Bernoulli equation. There were homework at the end of each session.

Activities to promote membership:

Activity 1

	Searching for new members GEAHH
	Dates April 03rd, 2021
	Objectives: To present our YPN to our fellow university students and this branch of Civil Engineering
	Description First we got together in a meeting in Zoom Second we presented our active members and how we are organized Third, we talked about the activities we were planning to do in the term. There were some activities including the use of padlet and typeracer for interaction with the new aspirants.

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
CEIC UNI	Conferences organization

Collaboration with other YPNs

YPN name	Description of collaboration

7. Contributing to the strategic plan

7.1. Please describe how your activities in 2020 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

We have held a series of conferences to spread knowledge on various topics.

Some workshops were carried out for the dissemination of knowledge by members of our YPN.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

Throughout the previous period we have carried out activities with the members of our association to promote a scientific attitude and research skills.

Specifically, we have carried out a reading of scientific articles that include topics related to hydraulic engineering, hydrology, irrigation and water resources management.

IAHR Baden-Württemberg Young Professionals Network

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IAHR Baden-Württemberg Young Professionals Network

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1. Introduction

The IAHR aims at connecting professionals and students in the hydro-environmental field all over the world. The Young Professional Network of Baden-Württemberg (IAHR-BW) has been part of this mission since 2000 when the very first Student Chapter was founded with the main intention of providing young students and researchers a platform for increasing their knowledge and networking opportunities. The IAHR-BW has its roots within two international water-related study programs: the ENWAT (Doctoral Program Environment Water) and WAREM (Master's Program Water Resources Engineering and Management), of the University of Stuttgart, Germany.

As time progressed, the YPN has grown into a broader network of students, professors, researchers, engineers, and consultants. Especially after the renaming of IAHR from "Hydraulic" to "Hydro-Environment" in 2009, the YPN has been in close cooperation with other international degree programs, e.g., Environmental Engineering, WASTE (Air Quality Control, Solid Waste, and Wastewater Process Engineering), and MIP (Master's in Infrastructural Planning). With an interdisciplinary student network, the possibilities for associations and enhancement of knowledge have grown.

As a powerful academic network, the IAHR-YPN BW has linked many members and colleagues, who are now in further steps of their careers, with professionals in their interest area by organizing yearly symposiums and events. Furthermore, the YPN organizes outdoor activities, movie nights, and other opportunities for engaging in discussions and socializing with students and professionals from a large variety of countries.

2. 2021 main goal and key objectives

The main goal of our network this year was digitalization. Like many others, because of the global pandemic, our committee decided to move to digital platforms to continue IAHR YPN BW activities in a respectful and high-quality manner that suits the values of IAHR. Therefore, the committee decided to broaden its reach on social media and started the first official IAHR BW Instagram and LinkedIn pages and create an introductory video encouraging university students to become members of the network.

Additionally, since it has become more challenging because of the pandemic to find a job, the committee took the responsibility of supporting its members with suitable activities that would help them obtain new skills or information which could help them stand out in a hiring process

(ex. Academic writing skills, project management standards in Germany, how to find a job, the hiring process, what documents do they need and much more).

Ultimately, moving to a virtual platform has encouraged the committee to start building a network with sister YPN's in the region. A new collaboration initiation started with Poland and Scandinavia YPNs with the aim of extending the network even further in the future.

3. Composition

Officers

President

Mohamed Elnagdy	Egypt
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Vice President

Kamyar Chabok	Iran
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Advisor

Ege Bel	Turkey
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Public Relations

Sara Shehi	Albania
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Events Coordinator

Sukhmanpreet Singh Chawla	India
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Academic links

Stefan Haun	University of Stuttgart
Maximilian Kunz	University of Stuttgart
Kilian Mouris	University of Stuttgart
Maria del Rosario Ponce Guzman	University of Stuttgart
Beatriz Negreiros	University of Stuttgart

List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Akash	Jyoti Handique	Germany	student
Amool	Shrestha	Nepal	student
Andrés	Felipe Sossa Camacho	Colombia	student
Armin	Madani	Germany	student
Armin	Saleyhan	Turkey	student
Ashwin	Vijaya Kumar	Germany	student
Aswatha	Narayana S	India	student
Azyan	Zafyrah Mohd Zahid	Malaysia	student
Baibrus	Khan	Pakistan	student
Benedikt	Mester	Germany	professional
Chinmayee	Koodly Ravishankara	India	student
Damaris	Zulkarnaen	Germany	student
Daniel	Urrutia	El Salvador	student
Daniel	Fernando Perez Paredes	Germany	student
Ege	Bel	Germany	student
Elza	George	India	student
Fadi	Kardan	Jordan	student
Falko	Dietz	Germany	student
Federica	Scolari	Germany	professional
Felix	Beckers	Germany	student
Femi	Oyetayo	Nigeria	student
Jayaram	Maddikunta	Germany	student
Kamyar	Chabok	Iran	student
Kilian	Mouris	Germany	professional
Lisa	Steegmuller	Germany	professional
Manuela	Gómez Monsalve	Colombia	student
Maria	del Rosario Ponce	Germany	student
Maximilian	Kunz	Germany	professional
Mohamed	Elnagdy	Germany	student
Naho	Chujo	Japan	student
Owen	Gibson	Germany	student
Raul	Roberto Barahona	Honduras	student
Ricardo	Barros	Germany	student
Sandeepa	Lakshanuka Kariyawasam	Germany	student
Sara	Shehi	Germany	student
Sebastian	Schwindt	Germany	professional






Seyedhadi	Hashemi	Iran	student
Silvia	Janeth Ramos Santana	Mexico	student
Stefan	Haun	Germany	professional
Sukhmanpreet	Singh Chawla	Germany	student
Theresa	Blaich	Germany	student
Tlanezi	Lucero Martinez Reyes	Germany	student
Tuğberk	Oğuztürk	Turkey	student
Viviana	Eloisa Quezada Dominuez	Panama	student
Yin	Mon Aung	Germany	student
Ying	Zhang	China	student

4. Communications

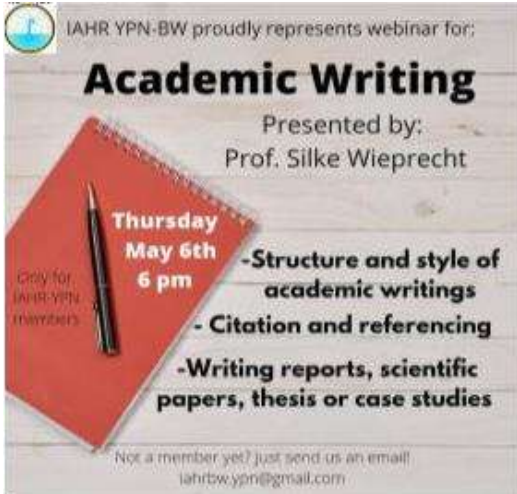
Website	https://iahrbw.wordpress.com/
Facebook	iahrbw
Twitter	N/A
Instagram	iahrbw
Linkedin	https://www.linkedin.com/company/iahr-bw
Other	N/A

5. Activities

Activity 1

    
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Activity 2

	Academic Writing
	6 th of May 2021
	How to write a good academic report.
	<p>Members will learn:</p> <ul style="list-style-type: none"> - Structure and style of academic writings. - Proper citation and referencing - Writing report, scientific papers, thesis, or case studies.

Activity 3

	Meet and Greet BBQ Party
	4 th of July 2021
	Promote IAHR YPN BW network and attract new members.
	<p>IAHR-YPN BW has invited members and their friends to join our Meet and Greet event over a BBQ Party. It was a good chance to meet other IAHR members, other WAREM students and make new friends! We brought snacks, drinks, disposable tableware, and prepare the grill for the guests.</p> <p>Considering the Corona situation at that time (less than 10), guest numbers were limited to 20 guests only.</p>

Activity 4

	Project Planning and Management HOAI Standard
	15 th of July 2021
	Learn about project management standard in Germany
	<p>Mr. Md Haisbur Rahman Lemons, the presenter, is a WAREM alumnus who currently works at a consulting firm in planning of the water supply and sewerage systems, covered the following points:</p> <ul style="list-style-type: none"> - Functions and applications of HOAI - Services covered by HOAI - Objects listed in HOAI - Special services in HOAI - Details of working phases according to HOAI. <p>The webinar was important to everyone who is interested in working in the planning or project engineering area.</p>

Activity 5

	Into Dust Documentary Screening – Let's Talk about Water
	8 th of November 2021
	Raise awareness about water crisis in vulnerable areas.
	<p>WAREM - Water Resources Engineering and Management at the Universität Stuttgart (University of Stuttgart), Germany has joined forces with IAHRBW-YPN (The International Association for hydro Engineering and Research – Young Professionals Network) in Baden-Württemberg, Germany to organize a social event to talk about water especially in developing countries. Together we will watch the recently published Into Dust documentary directed by Academy Award-winning film director, Orlando von Einsiedel and funded by The Grundfos Foundation - PDJF.</p>



Into Dust tells the story of #Perween_Rahman, a Pakistani social activist, who defended the rights of 1.5 million inhabitants in Orangi Town, Karachi _one of the world's largest slums_ to have access to clean water. For sure, her actions enraged the land mafia which led to exposing their work of stealing clean water from the domestic network of the town. Sadly, Rahman was shot and killed on her way back home in 2013.

Activity 6

	Round table Discussion
	18 th of December 2021 10 th of January 2022
	Job-hunting skills
	<p>The round table discussed the transition from a student/academic life to a professional/ business environment.</p> <p>It was a great opportunity for students and fellow alumni to get to know each other. The participants gained insight into the various challenges and difficulties that a person might face after graduation. How to prepare, what's needed to find a job, which skills are important to acquire while studying, etc.</p> <p>Our guest speakers were from Canada, Netherlands, Germany, Austria, and Iran.</p>

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
Junge DWA	Vernetzung der Fachbereiche Wasserwirtschaft D-A-CH

Collaboration with other YPNs

YPN name	Description of collaboration
IAHR YPN Poland	Planning for speed scientific dating event
IAHR YPN Scandinavia	Planning for speed scientific dating event

7. Contributing to the IAHR strategic plan

This year our network was aiming to bring together water professionals from different fields all over the world to share their experience with the young professionals which contributes to IAHR vision. Our mission was to provide a suitable platform for scientific communication, discuss or inspire our members to think and act proactively to solve water-related issues. We acted as water advocates and helped vulnerable communities' voices to be heard.

IAHR-YPN BW

IAHR Ireland Young Professionals Network

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IAHR Ireland Young Professionals Network

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1. Introduction

The IAHR Ireland YPN is a collaborative space for students and young professionals in water science and engineering across Ireland. We aim to establish a diverse community and provide a supportive platform for our members that will help them share knowledge, improve their professional networks, and enhance their technical skills.

2. 2021 main goal and key objectives

Our main objective for 2021 was to complete setting up the Ireland YPN and to start organising some events to popularize the YPN. We were also interested in increasing and broadening our overall membership.

3. Composition

Officers

President

Madhu Krishna Murali	Trinity College Dublin
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Vice President

Rodhraí Crowley	Munster Technological University
-----------------	----------------------------------

Advisor

Eoin Cullinane	Nicholas O'Dwyer
Aonghus McNabola	Trinity College Dublin
Sean Mulligan	VorTech Water Solutions and National University of Ireland, Galway
Md Salauddin	University College Dublin

List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Madhu	Murali	Trinity College Dublin	Professional Affiliate
Nilki	Weerawardana	Trinity College Dublin	Student

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Daniele	Novara	Trinity College Dublin	Professional Affiliate
Ajeet	Singh	Trinity College Dublin	Professional Affiliate
Rodhraí	Crowley	Munster Technological University	Student
Calvin	Stephen	Trinity College Dublin	Student
Djordje	Mitrovic	Trinity College Dublin/Bangor University	Professional Affiliate
Ciarán	O' Donnell	Munster Technological University	Student
Matin	Saddiqi	University College Dublin	Student
James	Symons	University of Leicester	Student

[Please add as many lines as needed]

4. Communications

[Website and social networks]

Website	https://www.iahr.org/index/committe/129
Facebook	https://twitter.com/IrelandYpn
Twitter	
Instagram	
Linkedin	https://www.linkedin.com/groups/13970785/
Other	

5. Activities

[Activities organised in 2021] [Please also attach pictures a separate .JPG files]


Activity 1

<p>Picture/s</p> 	<p>Name of the activity</p> <p>Webinar on Water Sources and Chemistry of Holy Wells in Ireland</p>
	<p>Dates 24/11/2021</p>
	<p>Objectives (e.g. Delivering opportunities for professional development, raising awareness about water issues, motivating membership, etc.)</p>

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	<i>Professional development and improving knowledge transfer within the YPN.</i>
	<p>Description</p> <p>Sacred wells are found across the globe, from Dragon wells in China to sacred caves and springs venerated by the Mayan people in Mexico In Europe, there are numerous wells dedicated to Christian saints, including around 3 000 holy wells in Ireland Whilst a lot has been written about the folklore of holy wells, there has been very little published about where the water comes from In this talk, I will summarise my recent research on the hydrogeology and water chemistry of Irish holy wells As part of this, I will discuss the potential links between the characteristics of the water and the many healing reputations associated with the wells.</p>

Activity 2

<p>Picture/s</p> 	<p>Name of the activity</p> <p>Poster Feedback Session Ireland and Cardiff YPNs</p>
	<p>Dates</p> <p>26/11/2021</p>
	<p>Objectives (e.g. Delivering opportunities for professional development, raising awareness about water issues, motivating membership, etc.)</p> <p>Improving inter-YPN cooperation</p>
	<p>Description</p> <p>In preparation for the 2 nd IAHR Young Professionals Congress, IAHR YPN Ireland and Cardiff</p>

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	are hosting a poster feedback session There will be a total of 4 speakers presenting their posters for the upcoming Congress, covering a diverse range of water related areas These presentations will fuel an open feedback session between members of both YPNs
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Activity 3

Picture/s	Name of the activity Membership presentation at Munster Technological University
	Dates 09/11/2021
	Objectives (<i>e.g. Delivering opportunities for professional development, raising awareness about water issues, motivating membership, etc.</i>) <i>Raising membership numbers</i>
	Description Overview presentation by Rodhrai Crowley on the YPN to potential members

Have you organised any activities to promote membership? If yes, please include them

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership

Collaboration with other YPNs

YPN name	Description of collaboration
YPN Cardiff	Feedback session on Young Professionals Congress posters

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

We have contributed mainly to pillars 1 and 3 of the strategic vision by aiming to provide a space for members of the hydro-environment community in Ireland to network and share knowledge.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

Having only created a space for young hydro-environment professionals this year, we have just started to address the YPN aims, mainly around networking, collaborating and training.

IAHR Istanbul Technical University Young Professionals Network

2021 Annual Report of Activities



IAHR Istanbul Technical University Young Professionals Network

2021 Annual Report of Activities

1. Introduction

IAHR Istanbul Technical University Young Professionals Network is the first society in Turkey. This society conducts its activities in ITU Hydraulics Laboratory wherein was established physical models of the breakwater, harbour, dam structure, spillway, water intake structure, bottom outlet, energy dissipation basin, wave flume. The society is found by the graduate students studying in Hydraulics, Water Resources, and Coastal Engineering fields.

2. 2021 main goal and key objectives

This society is newly established in October 2021. It is still in the preparation process and growing up.

3. Composition

Officers

President

Research and Teaching Assistant (RA & TA)	Selahattin Utku Yılmaz
---	------------------------

Vice President

Research and Teaching Assistant (RA & TA)	Mehmet Melih Koşucu
---	---------------------

Advisor

Doktoringenieur (Dr. Ing.)	Mir Jafar Sadegh Safari
----------------------------	-------------------------

List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Selahattin Utku	Yılmaz	Turkey	Student
Mehmet Melih	Koşucu	Turkey	Student
Sinan	Eruçar	Turkey	Student
Furkan Sencer	Kaçar	Turkey	Student
Ahmet	Durap	Turkey	Student

4. Communications

Website	https://insmuh.itu.edu.tr/en/research/laboratories/hydraulics-laboratory
Facebook	
Twitter	
Instagram	
LinkedIn	linkedin.com/in/itu-hydraulics-laboratory-05228522b
Other	

5. Activities

Within the scope of Covid-19 Measures of the Turkish Republic Ministry of Interior, our YPN members could not continue to work at the university, and the members could not meet face to face. Therefore, all works were done online this year and laboratory works stopped at the university.

6. Partnerships and collaborations

Organisation	Description of partnership
VOMATEK Engineering	the collaboration with hydraulic, coastal & environmental engineering company

IAHR Italy Young Professionals Network

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IAHR Italy Young Professionals Network

2021 Annual Report of Activities

1. Introduction

The aim of the Italian YPN is to connect researchers, professionals and PhD students, mainly working in Italy, who carry out professional and research activities in the water sector.

2. 2021 main goal and key objectives

The main objective for 2021 was to promote the activities and results, and this was done by publishing some posts on LinkedIn and stimulating the participation to IAHR conferences.

3. Composition

Officers

President

Emanuele	Quaranta
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Vice President

Lorenzo	Innocenti
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Advisor/Treasurer

Cosimo	Peruzzi
--------	---------

[Please add as many officers as needed]

List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Andrea	Menapace	Italy	STU
Anna	Prati	Italy	STU
Giuseppe Roberto	Pisaturo	Italy	PRO
Ariele	Zanfei	Italy	STU
Giulia	Stradiotti	Italy	STU
Daniele	Dalla Torre	Italy	STU
Wankhade	Ritesh Narendra	Italy	STU
Emanuele	Quaranta	Italy	PRO
Francesca	Berteni	Italy	PRO
Marco	Peli	Italy	PRO

Sara	Russo	Italy	STU
Giuseppina	Colaleo	Italy	STU
Lorenzo	Innocenti	Italy	STU
Marco	Lompi	Italy	STU
Matteo	Pampaloni	Italy	STU
Andrea	D'Aniello	Italy	PRO
Diana	Fiorillo	Italy	STU
Francesco	Pugliese	Italy	PRO
Guadalupe	Torre Gomez	Italy	STU
Roberta	Ferraiuolo	Italy	STU
Alessia	Ferrari	Italy	STU
Diana	Petrolo	Italy	STU
Federico	Prost	Italy	STU
Pietro	Rastelli	Italy	STU
Susanna	Dazzi	Italy	PRO
Valeria	Todaro	Italy	STU
Daniele	Secci	Italy	STU
Andrea	Fenocchi	Italy	PRO
Stefania	Sansone	Italy	STU
Luigi	Hinegk	Italy	STU
Livia	Serrao	Italy	STU
Pascal	Pirlot	Italy	STU
Melissa	Latella	Italy	STU
Cosimo	Peruzzi	Italy	PRO
Giada	Varra	Italy	STU
Arianna	Dada	Italy	STU

4. Communications

[Website and social networks]

Website	
Facebook	https://www.facebook.com/groups/471877636270342
Twitter	
Instagram	
Linkedin	https://www.linkedin.com/groups/8477897/
Other	

IAHR Nanjing Hydraulic Research Institute Young Professionals Network

2021 Annual Report of Activities



Nanjing Hydraulic
Research Institute
**Young
Professionals
Network**



IAHR Nanjing Hydraulic Research Institute

Young Professionals Network

2021 Annual Report of Activities

1. Introduction

IAHR Young Professionals Networks (YPNs) ensure that new generations of hydro-environment professionals and researchers could 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.

IAHR Nanjing Hydraulic Research Institute YPN (IAHR-NHRI-YPN) is a chapter formally established in Nanjing in May 2018 under the guidance of the IAHR China Chapter and the support of the Nanjing Hydraulic Research Institute. The number of registered members of the chapter has reached 135 by 2021. The daily activities of the IAHR-NHRI-YPN are organized and managed by the executive committee. The executive committee includes 1 president, 1 vice-president, 1 administrative secretary, 1 communication secretary, 1 publicity secretary, and 1 treasurer.

IAHR-NHRI-YPN actively pays attention to the research frontiers of hydrology and water resources, hydraulics and river dynamics, water conservancy and hydropower engineering, hydraulic structural engineering and port, coastal and offshore engineering, geotechnical engineering, disaster prevention and mitigation and protection engineering, bridge and tunnel engineering, structural engineering, municipal engineering, environmental engineering, material science and engineering, etc. IAHR-NHRI-YPN is committed to providing a platform for NHRI graduate students to communicate with each other, participate in project research and IAHR activities, and providing professional questions and career guidance. With the help of IAHR as an international exchange platform and combined with the advantages of our technical and scientific research, IAHR-NHRI-YPN actively carries out various activities in order to improve the academic level and international vision of its members and promote young scholars to the international academic stage.

2. 2021 main goal and key objectives

In 2021, IAHR-NHRI-YPN won the Special Award to the most active YPNS From the Asia and Pacific Division at the Opening Session of the 1st IAHR Online Forum.

At the 1st IAHR Young Professionals Congress, three members of IAHR-NHRI-YPN shared their research results. At the 2nd IAHR Young Professionals Congress, two other members of IAHR-NHRI-YPN shared their research results. These doctoral students showed the elegant demeanour of NHRI students on the international stage.

The IAHR-NHRI-YPN Executive Committee has been paying attention to the academic lectures and seminars held by IAHR, and timely publicized and promoted them to NHRI students. As the benefits of YPN members, the series of high-quality academic activities are directly

provided for them to watch and study, laying a solid foundation for their future academic research and international exchanges.

In addition, the IAHR-NHRI-YPN will continue to recruit new members, improve the organization management mechanism, and review membership, which made IAHR-NHRI-YPN a more mature professional organization.

3. Composition

Officers

President

Lei Wu	
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Vice President

Ming Ye	
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Advisor

Jianyun Zhang	Yun Li
Xiping Dou	Qiuwen Chen

Administrative Secretary

Qianyu Deng	
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Communication Secretary

Qinyuan Li	
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Treasurer

Lulin Liu	
-----------	--

Publicity Secretary

Wenxin Li	
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List of members

Number	Name	Surname	Country	Membership category
1	Jingkai	Liu	China	Student affiliate
2	Fan	Yang	China	Student affiliate
3	Bing	Yan	China	Student affiliate
4	Lei	Yu	China	Student affiliate
5	Xuegang	Li	China	Student affiliate
6	Chengtuan	Yin	China	Student affiliate
7	Bo	Dong	China	Student affiliate
8	Xianrui	Shi	China	Student affiliate
9	Yuhang	Zhao	China	Student affiliate
10	Chunyue	Zhu	China	Student affiliate
11	Mengyuan	Kong	China	Student affiliate
12	Ting	Li	China	Student affiliate



2021 Annual Report of Activities

13	Honghai	Ma	China	Student affiliate
14	Binhua	Xu	China	Student affiliate
15	Junhui	Xu	China	Student affiliate
16	Mingcheng	Zhu	China	Student affiliate
17	Luzhidan	Fu	China	Student affiliate
18	Yan	Gong	China	Student affiliate
19	Qiaoyi	Hu	China	Student affiliate
20	Kaiwen	Yu	China	Student affiliate
21	Jueding	Liu	China	Student affiliate
22	Kai	Dong	China	Student affiliate
23	Hanman	Li	China	Student affiliate
24	Bo	Wu	China	Student affiliate
25	Mingming	Song	China	Student affiliate
26	Jintao	Zheng	China	Student affiliate
27	Xi	Jiang	China	Student affiliate
28	Peisi	Yang	China	Student affiliate
29	Yuxiao	Ye	China	Student affiliate
30	Yuanyi	Chen	China	Student affiliate
31	Chang	Li	China	Student affiliate
32	Jing	Liu	China	Student affiliate
33	Biao	Wang	China	Student affiliate
34	Jie	Wang	China	Student affiliate
35	Zhangkang	Shu	China	Student affiliate
36	Hengli	Wang	China	Student affiliate
37	Lu	He	China	Student affiliate
38	Zhengxian	Zhang	China	Student affiliate
39	Nan	Gu	China	Student affiliate
40	Haowen	Liu	China	Student affiliate
41	Yicheng	Gu	China	Student affiliate
42	Mingcheng	Du	China	Student affiliate
43	Zhouliang	Sun	China	Student affiliate
44	Jie	Li	China	Student affiliate
45	Ziyu	Chen	China	Student affiliate
46	Fuxian	Jian	China	Student affiliate
47	Ruiming	Liu	China	Student affiliate
48	Libing	Li	China	Student affiliate
49	Yumeng	Zhu	China	Student affiliate
50	Lei	Wu	China	Student affiliate
51	Youzhi	Hao	China	Student affiliate
52	Huiwen	Wang	China	Student affiliate
53	Guangyu	Chen	China	Student affiliate
54	Huijing	Luo	China	Student affiliate

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55	Zhiqing	Yan	China	Student affiliate
56	Liting	Tan	China	Student affiliate
57	Xiaoyu	Tian	China	Student affiliate
58	Tao	Liu	China	Student affiliate
59	Xueying	Tian	China	Student affiliate
60	Hui	Zhang	China	Student affiliate
61	Gang	Li	China	Student affiliate
62	Feng	Yang	China	Student affiliate
63	Zhi	Li	China	Student affiliate
64	Wenhao	Liu	China	Student affiliate
65	Fanxing	Zeng	China	Student affiliate
66	Yuanyuan	Yang	China	Student affiliate
67	Yongzeng	Huang	China	Student affiliate
68	Yifan	Su	China	Student affiliate
69	Shouyuan	Zhang	China	Student affiliate
70	Haotian	Han	China	Student affiliate
71	Baoying	Jiang	China	Student affiliate
72	Xuefeng	Peng	China	Student affiliate
73	Ruiqi	Tan	China	Student affiliate
74	Shuo	Wang	China	Student affiliate
75	Yuchong	Wei	China	Student affiliate
76	Zelin	Cheng	China	Student affiliate
77	Haoran	Huang	China	Student affiliate
78	Hao	Zhang	China	Student affiliate
79	Pu	Zhao	China	Student affiliate
80	Kaixiao	Chen	China	Student affiliate
81	Jintao	Fang	China	Student affiliate
82	Senhao	Mao	China	Student affiliate
83	Tingqiang	Xie	China	Student affiliate
84	Jiayi	Xu	China	Student affiliate
85	Zixiang	Li	China	Student affiliate
86	Meng	Cao	China	Student affiliate
87	Jinqiu	Sun	China	Student affiliate
88	Ruoyu	Wang	China	Student affiliate
89	Ming	Ye	China	Student affiliate
90	Ye	Zhang	China	Student affiliate
91	Miaoli	Lin	China	Student affiliate
92	Tianlong	Xia	China	Student affiliate
93	Jinyu	Ge	China	Student affiliate
94	Xuesong	Han	China	Student affiliate
95	Yunlei	Lin	China	Student affiliate
96	Xiaokang	Chen	China	Student affiliate

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97	Lin	Li	China	Student affiliate
98	Weihao	Wang	China	Student affiliate
99	Pei	Ding	China	Student affiliate
100	Shixian	Hong	China	Student affiliate
101	Menghao	Jia	China	Student affiliate
102	Jun	Yang	China	Student affiliate
103	Qi	Han	China	Student affiliate
104	Qinyuan	Li	China	Student affiliate
105	Gufei	Fan	China	Student affiliate
106	Duo	Xu	China	Student affiliate
107	Mengzhuo	Yang	China	Student affiliate
108	Wenqi	Zhou	China	Student affiliate
109	Qianyu	Deng	China	Student affiliate
110	Wenting	Fan	China	Student affiliate
111	Wenxin	Li	China	Student affiliate
112	Lulin	Liu	China	Student affiliate
113	Yang	Xu	China	Student affiliate
114	Meixia	Bai	China	Student affiliate
115	Yan	Chen	China	Student affiliate
116	Zhaoyi	Cheng	China	Student affiliate
117	Fei	Ge	China	Student affiliate
118	Danni	Han	China	Student affiliate
119	Xinye	Ji	China	Student affiliate
120	Hongjing	Li	China	Student affiliate
121	Hongpeng	Li	China	Student affiliate
122	Leimeng	Li	China	Student affiliate
123	Jing	Liu	China	Student affiliate
124	Shijun	Liu	China	Student affiliate
125	Haoda	Ma	China	Student affiliate
126	Lili	Song	China	Student affiliate
127	Fuwei	Tian	China	Student affiliate
128	Lin	Wang	China	Student affiliate
129	Lanlin	Wei	China	Student affiliate
130	Yuting	Xie	China	Student affiliate
131	Zhizheng	Xie	China	Student affiliate
132	Zhe	Zhang	China	Student affiliate
133	Ju	Zhou	China	Student affiliate
134	Hao	Yuan	China	Student affiliate
135	Xiaoyu	Yang	China	Student affiliate

4. Communications

[Website and social networks]

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Website	https://www.iahr.org/index/committe/66
Facebook	-
Twitter	-
Instagram	-
Linkedin	-
Other	QQ chat group (group number 783771720)

[Promotional and information materials]

Newsletter/s	-
Publication/s	-
Other	 <p>2021 NHRI-YPN Member Recruitment poster</p>

5. Activities

[Activities organised in 2021] [Please also attach pictures a separate .JPG files]

Activity 1

	Name of the activity
	1st IAHR Online Forum
	Dates
	5-7 July, 2021
	Objectives
	This Forum aims to share and exchange frontier knowledge and innovative achievements and discuss new challenges and development trends in water conservancy and environment field.
	Description
	At the meeting, IAHR president announced that the IAHR-NHRI-YPN won the most active YPN special award in Asia-Pacific division during 2020. This award aims to encourage all YPNs to actively participate in the academic activities organized by IAHR,


2021 Annual Report of Activities



and promote the communication and exchange of young professionals.

A total of 3 YPNs from 49 universities (units) around the world won this award, and we are the only award-winning unit in the Asia-Pacific region. This award is an affirmation and encouragement to the work of IAHR-NHRI-YPN. Under the guidance and support of IAHR China Chapter and Nanjing Institute of Hydraulic Research, IAHR-NHRI-YPN will continue to serve young scholars. After won the award, we prepared a short promotional video as requested by IAHR. At present, the video has been uploaded to the website of IAHR YPN of our unit, which shows our style.

Activity 2

<p>Picture/s</p> 	<p>Name of the activity Watching the academic lectures organized by IAHR & Discussing views</p> <p>Dates 25 February to 2 December 2021</p> <p>Objectives The purpose is to provide members with an opportunity for academic exchanges, a chance to collide with different academic views and to strengthen members' understanding of the field of water science and learning of frontier science.</p> <p>Description</p>
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2021 Annual Report of Activities

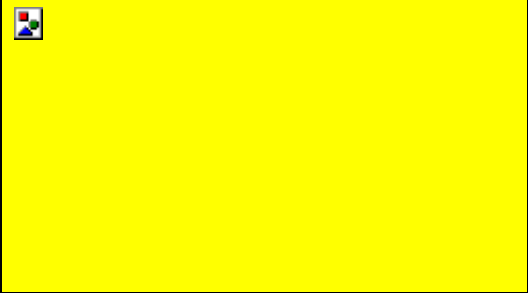


During this year, we continued to organized IAHR-NHRI-YPN members to watch the online academic lectures held by IAHR. Carry out internal academic exchange activities in the form of a combination of reports, speeches and free discussions. During the event, members can freely share the latest experiments and scientific research results of their respective disciplines, including navigation and marine mechanics, hydrology and water resources, water conservancy engineering, geotechnical engineering and other disciplines in combination with IAHR lectures.

Activity 3

Picture/s	Name of the activity IAHR-NHRI-YPN Recruitment presentation
	Dates 24-27 September, 2021
	Objectives It aims to introduce IAHR-NHRI-YPN in a comprehensive and systematic way, and new graduate students can have a more detailed understanding of the activities, membership benefits and executive committee of YPN, so that each freshman can choose the position that interests him or her according to their own will and specialty, and then integrate YPN with new blood to achieve better development of IAHR-NHRI-YPN.
	Description 1. IAHR-NHRI-YPN introduction Firstly, we briefly introduce the details of IAHR, YPN, and IAHR-NHRI-YPN. 2. YPN activity report We described the activities details that YPN has conducted so far and the results achieved. 3. Welcome new members We introduced the membership benefits and the executive Committee, and

2021 Annual Report of Activities

	<p>issued a notice to recruit new members and members of the new executive Committee.</p>
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Activity 4

<p>Picture/s</p>  	<p>Name of the activity Study the "5th International Symposium Shallow Water Flows" organized by IAHR and exchange views after the meeting</p>
	<p>Dates 23-25 October, 2021</p>
	<p>Objectives Present high-quality webinars to members and encourage members to actively participate in the seminars, giving members the opportunity to express their views.</p>
	<p>Description The 5th International Symposium on Shallow Flow (ISSF2021) was held in Nanjing. IAHR-NHRI-YPN members watched and learned the symposium online and offline, and exchanged and discussed their personal views after the meeting.</p>

Activity 5

<p>Picture/s</p>	<p>Name of the activity The 1st China-ASEAN Dam Safety Popularization Contest</p>
	<p>Dates 25-26 November, 2021</p>
	<p>Objectives Disseminate scientific ideas, publicize and popularize scientific knowledge of water conservancy, especially dams, and cultivate good international communication awareness and ability of YPN members of our college.</p>

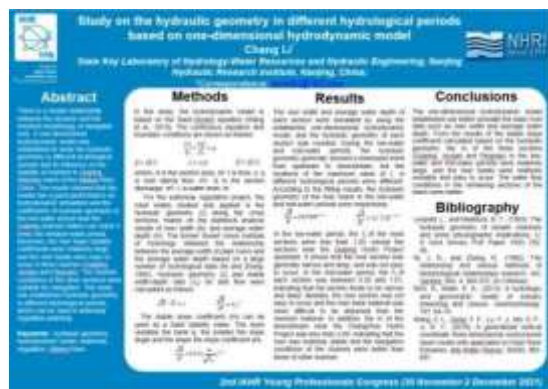
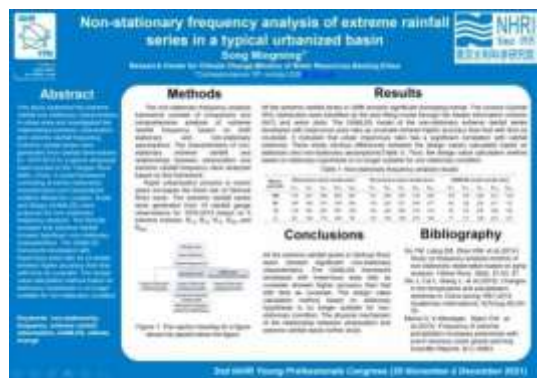


Description

The first China-ASEAN Dam Science Popularization Contest aims to publicize and popularize the scientific knowledge of water conservancy, especially dam, enhance the communication ability of water conservancy science, and promote the sharing of advanced water conservancy scientific and technological achievements. Ye Ming, Li Qinyuan and Wu Lei, executive committee members of NHRI-YPN, actively signed up and won the third prize.

Activity 6

Picture/s



Name of the activity

2nd IAHR Young Professionals Congress

Dates

30 November to 2 December, 2021

Objectives

In order to provide a platform for young professionals to display scientific research achievements and broaden their academic horizon and exercise their international exchange ability, IAHR is specially organized this activity.

Description

More than 60 graduate students watched the live broadcast of the academic report. Li Chang, doctoral candidate of the Institute of River and Coastal Research, and Song Mingming, doctoral candidate of the Institute of Hydrology and Water Resources, actively signed up for the conference and were successfully selected. They made academic reports and exchanges, showing the academic style of NHRI students on the international stage. At the same time, YPN also actively organizes postgraduate

	members to watch the live broadcast of academic reports offline.
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6. Contributing to the strategic plan

6.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

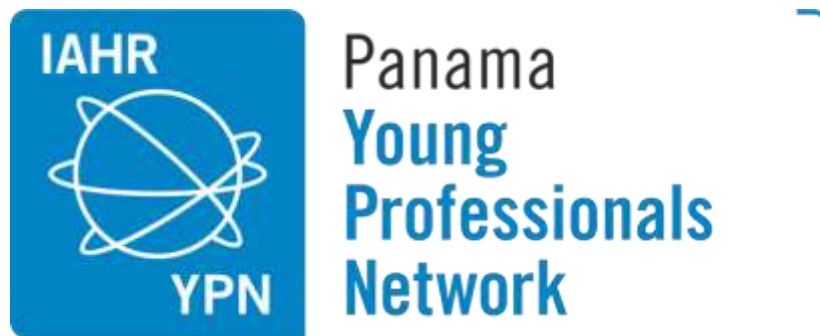
The COVID-19 epidemic has forced scholars to minimize face-to-face communication to reduce the possibility of infection, but communication between scholars is essential, thus promoting the popularization and development of online communication. As IAHR is an international academic organization, members from all over the world have limited opportunities for face-to-face communication, but the huge advantage of online communication makes up for this deficiency. We promote learning and communication by organizing online sharing activities and actively participating in online activities organized by IAHR in this context, and we believe that online communication will become increasingly popular.

6.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

IAHR-NHRI-YPN actively provides young scholars with abundant academic resources, encourages young scholars to actively carry out research on Hydro-environment engineering, and obtains a large number of important academic results in this process. At the same time, we provide a platform for exchange and sharing to promote academic exchanges among young scholars, so as to facilitate subsequent research work and form a virtuous circle. Specific activities include sharing academic resources, holding academic annual conferences and participating in a variety of IAHR activities.

IAHR Panama Young Professionals Network

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IAHR Panama Young Professionals Network

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1. Introduction

IAHR Panama YPN was founded by a group of motivated young professionals to organize the YPN activities during the 38th IAHR World Congress held in Panama City in September 2019. Since then, the group has grown and has been very active promoting and organizing (virtual) activities both locally in Panama and regionally in Latin America.

The chapter's mission is to promote the development of technical capacities in the general field of hydro-environmental sciences (water, environment, and renewable energies) and engineering for students and young professionals, and to influence the Panamanian society through interdisciplinary scientific research to achieve a more resilient and sustainable country.

The group's vision is to become a national reference in the field of hydro-environmental sciences (water, environment, and renewable energies) and engineering for the design of sustainable solutions through a holistic and interdisciplinary approach, involving the Panamanian professional youth, including universities, public and private sectors.

2. 2021 Main Goal and Key Objectives

The main goal of 2021 was to continue with our mission of scientific communication by promoting research, professionalism, and environmental education, virtually, through our social networks, demonstrating adaptation to the pandemic situation. On the other hand, we focused on preparing a new leadership team within the chapter.

Our main objectives during 2021 were to:

- Recruit new members
- Prepare a new team of young professionals to become members of the Executive Committee thus ensuring a smooth transition from the leadership of the founding members of the chapter
- Continue with the *Agua y Café* interview programme and create a version of the show for YouTube
- Campaign for environmental education through social media
- Promote active participation within the chapter
- Recognize active members
- Explore strategies to promote research and get more young professional involved in scientific research

3. Composition

3.1. Leadership Team

President	María Gabriela Castrellón
Vice-President	Isaac Trejos
Secretary	Zuri Rodríguez
Treasurer	Saskia Jimenez
PR	Karol Marquéz
Main Adviser	Dr. Lucas Calvo
Co-Adviser	Dr. José Fábrega
Co-Adviser	Gladys Bernet

3.2. List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Isaac	Trejos Saucedo	Panama	PRO
María Gabriela	Castrellón	Panama	PRO
Xenia	De Gracia	United States of America	PRO
Saskia Marcellys	Jimenez Mendoza	Panama	PRO
Arcenio Abdiel	Martinez Ortega	Panama	STU
Digna Esilda	Murillo Gonzalez	Panama	STU
Ivan Oscar	Abrego Miranda	Panama	STU
Yarelis Yarineth	Melgar Frias	Panama	PRO
Yaxuri Lineth	Munoz Garcia	Panama	STU
Zuri Sadai	Rodríguez Guerra	Panama	STU
Donald	Brown	Costa Rica	PRO
Michell	Baxter	Panama	PRO
María Victoria	Mitre Núñez	Panama	PRO
Mabel Cristina	Zúñiga Quintero	Panama	PRO
Bella	Almillátegui Martínez	Spain	PRO
Carol Patricia	Simon González	Panama	PRO
Ana Karolina	Valencia	Panama	PRO
Alex	Montero	Panama	STU
Gabriela	Cedeño Pernet	Panama	PRO
Mileyka	Bustamante	Panama	PRO
Alicia	Mata	Panama	PRO
Job Osvaldo	Noel Amaya	Panama	PRO
Kimberly	Beermann	Panama	PRO

Omar	Pérez	Panama	PRO
Miguel	Delgado	Panama	STU
Luzzby	Mezua	Panama	PRO
Karoll	Fuentes	Panama	STU
Lizzy Tatiana	Molina Donaire	Panama	STU
Krystelis	Lasso	Panama	STU
Ana	Aguilar	Germany	PRO
Nicolle	González Ramos	Panama	PRO
Marlemys	Martínez	Panama	PRO
Nicolle Elena	Thoms	Panama	PRO
Jorge Manuel	Castillo Beitia	Panama	STU
José	Murillo	Panama	PRO
Graciela	Sánchez	Panama	STU
Ruby	Salcedo	Panama	PRO
David Alexis	De Gracia Rios	Panama	PRO
Meibilin	Valdivieso Ruíz	Panama	STU
Dominique	Vertus Aguilar	Panama	STU
Itzel	Jordán	Panama	PRO
Aristides	Isaza	Panama	STU
Marissa	Samudio	Panama	PRO
Claudia	Agudo	Panama	PRO
Yaneth	Laffaurie	Panama	PRO
Anais	Garzón	Panama	PRO
Danna	Villarreal	Panama	STU
Karol Michelle	Márquez Watson	Panama	STU
Itzel Alejandra	Bustavino González	Panama	PRO
Víctor	Gomez	Panama	PRO
Jose Ricardo	Bonilla Brenes	Germany	PRO

4. Communications

4.1. Website and Social Networks

Network	Name	Link
Website	-----	-----
Facebook	IAHR Panamá YPN @ypnpanama	https://www.facebook.com/ypnpanama/
Twitter	@ypnpanama	https://twitter.com/ypnpanama?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor
Instagram	@ypnpanama	https://www.instagram.com/ypnpanama/?hl=es

LinkedIn	IAHR YPN Panama Chapter	https://pa.linkedin.com/in/iahr-ypn-panama-chapter-aa478a194?trk=public_profile_sa_mename-profile_profile-result-card_result-card_full-click
YouTube	IAHR Panama YPN	https://www.youtube.com/channel/UCSdu6zmqhXZHvdT5jsfuV3A

4.2. Newsletter/s

Currently IAHR Panama YPN does not create or distribute a newsletter.

4.3. Publication/s

4.3.1. Publications on Instagram

Name	Link
First General Meeting 2021	https://www.instagram.com/p/CMdtHlsh6QG/?utm_source=ig_web_copy_link
Publication of an article "Future Water Awareness" by one of our members.	https://www.instagram.com/p/CMqVSXghWvE/?utm_source=ig_web_copy_link
Graduate work of members in Water Resources	https://www.instagram.com/p/CMxdQFW_hR3/?utm_source=ig_web_copy_link
Second Anniversary of YPN Panama	https://www.instagram.com/p/CTSoXVreWs/?utm_source=ig_web_copy_link
What is YPN Panama	https://www.instagram.com/p/CSZ7hPSrHXh/?utm_source=ig_web_copy_link
New member registration reminder	https://www.instagram.com/p/CNp4-DuBf15/?utm_medium=copy_link
Invitation to participate in the 5th March for Science	https://www.instagram.com/p/CN2p9bXnSxC/?utm_medium=copy_link
Invitation to register for the 1st Online Forum IAHR	https://www.instagram.com/p/CPikbp7B918/?utm_medium=copy_link
How to read and analyze a scientific article?	https://www.instagram.com/p/CN3yB7xBqET/?utm_source=ig_web_copy_link


Acknowledgement of our Adviser Gladys Bernet's publication "Girls, young women, dreams and diamonds".	https://www.instagram.com/p/CNylUwKhONW/?utm_source=ig_web_copy_link
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4.3.2. Publications on YouTube


Name	Link
World Earth Day Video	https://i.ytimg.com/vi/Tu4AZceUhoQ/hqdefault.jpg?sqp=-oaymwEcCPYBEloBSFXyq4qpAw4IARUAAIhCGAFwAcABBg==&rs=AOOn4CLDooRrM0rKgZlloqhGu45BZvAfvrQ
Agua y Café Élite #1 (Water and Coffee Elite #1)	https://www.youtube.com/watch?v=V-CKE17NNIo&t=2435s
Agua y Café Élite #2 (Water and Coffee Elite #2)	https://www.youtube.com/watch?v=q6BOHLUALaE

5. Activities


Activity 1

Picture/s	Name of the activity "Agua y Café" (Water and Coffee)
	Dates 4/16/2021 4/23/2021 5/11/2021 5/14/2021 5/21/2021 5/28/2021 7/23/2021 8/06/2021 8/20/2021 9/24/2021
	Objetives <ul style="list-style-type: none"> Connect with national and international young professionals that work on research topics in the fields of water, energy and the environment.


2021 Annual Report of Activities

 <p>See more >>></p>	<ul style="list-style-type: none"> • Provide our followers with information about the interviewees personal experiences and lessons learned throughout their careers. • Encourage young people to continue to and get involved in water, energy and environmental research. <p>Description</p> <p>Live broadcast program on Instagram, usually on weekdays, where for about 30 minutes to 1.5 hours we strive to connect with young professionals by talking about what they do, how they became passionate about their careers, and defining technical terms from their everyday work. We also often talk about tools and software that can be implemented and also recommend courses for students who are interested in the topics discussed, what analysis they can give on the current situation of the topic discussed at regional level and what they would say to young people who have the same passion to fight for their dreams. During the conversation we also generate other questions from the viewers as well as from the host to make the program more interactive. All these transmissions are saved in our Instagram account so that users of the platform can rewatch them.</p>
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Activity 2

Picture/s	Name of the activity "Días Mundiales" (World Days)
	<p>Dates</p> <p>3/22/2021 4/22/2021 5/17/2021 6/5/2021 6/8/2021 6/23/2021 9/21/2021 9/24/2021 12/5/2021</p>


2021 Annual Report of Activities

 <p>See more >>></p>	<p>Objectives Highlight the history of where the World Environment Day comes from.</p> <p>Description Through original social media publications, we raise awareness about: The initial year this world day is celebrated, why it is important, and give a closing message to encourage people to continue caring for and researching the natural resource that is being celebrated.</p>
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Activity 3

<p>Picture/s</p> 	<p>Name of the activity "Agua y Café Élite" Water and Coffee Élite</p> <p>Dates 7/3/2021 9/28/2021</p> <p>Objectives To interview researchers with great impact on science both in Panama and internationally.</p> <p>Description Live broadcast program on YouTube, usually on a Saturday, from our IAHR Panama YPN account, where we talk about the trajectory of the researcher in their field and discuss their point of view on current situations of their specializations. The topics discussed are linked to the 3 pillars of our research committee: Water, energy and environment.</p>
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Activity 4

Picture/s	Name of the activity
 <p>See more >>></p>	“Miembro YPN PANAMA del mes” (YPN PANAMA Member of the Month)
	Dates 5/27/2021 9/7/2021 10/30/2021 11/29/2021 12/30/2021
	Objectives To showcase the work of our members, their learning within the network and encourage other young people to become interested in participating in IAHR activities.
Description Publications about outstanding members within YPN PANAMA and a space where they can talk more about them and make known the people who carry out and devise each activity of our network. In addition to close with an exhortation that more young people are interested worldwide.	


Activity 5

Picture/s	Name of the activity
 <p>See more >>></p>	<p>Publications of events related to research</p> <p>Dates</p> <p>3/21/2021 3/21/2021 4/14/2021 4/19/2021 5/6/2021 5/31/2021 8/6/2021 8/24/2021 9/28/2021 10/9/2021 11/8/2021 11/16/2021</p> <p>Objectives</p> <p>To provide tools for young people to learn about learning opportunities in different areas, whether at the national, regional, or global level.</p> <p>Description</p> <p>Publications with information on activities for young people to participate and be trained in topics related to water and environmental research.</p> <p>Also support activities of other organizations to promote professional growth activities as well as the expansion of activities of other organizations in our networks to create greater connections between youth and professionals.</p>

Activity 6

Picture/s	Name of the activity Research from YPN Panama Members
   <p>See more >>></p>	<p>Dates</p> <p>3/20/2021 3/21/2021 3/23/2021 3/24/2021 3/25/2021 3/26/2021 4/22/2021 5/20/2021 5/29/2021 6/20/2021 6/21/2021 6/22/2021 6/23/2021 3/20/2021 9/28/2021</p> <p>Objectives</p> <p>Highlight the achievements of young Panamanian researchers.</p> <p>Description</p> <p>Publication of information on research topics within YPN Panama to demonstrate their participation in congresses and showcase environmental research project being developed in Panama.</p>

Activity 7

Picture/s	Name of the activity Webinar on scientific article
	Dates 4/19/2021
	Objectives Teach and demonstrate techniques for reading and analyzing a scientific article.
	Description Free webinar of 1.5 hours lead by a specialist from the Technological University of Panama to introduce the topic of scientific publications. Tips on the correct way to read a scientific article and how to analyze it were given.

6. Partnerships and collaborations

Partner organizations and/or interaction with related national organizations

Organization	Description of partnership
EducationUSA	Our presidents and other members of the leadership team have participated in their webinars and events to promote topics of water engineering and research, especially hydroinformatics within the youth (high school and university students).
Student Energy	Partnership to promote research on a regional research forum.

Collaboration with other YPNs

YPN name	Description of collaboration
IAHR Mexico YPN	IAHR Panama YPN helped promote the Latin American Congress through social media.

7. Contributing to the IAHR strategic plan

7.1. Describe how your activities in 2021 have contributed to the vision and strategic plan of the IAHR.

Within the YPN Panama this 2021 we have strengthened and created new scientific relationships with other institutions and professionals inside and outside the country, with the objective of expanding the knowledge of each of its members and educating the Panamanian population in the topics of water, environment and energy. Likewise, we have highlighted the work done by members within the YPN, making them known in the scientific community through Instagram posts that highlights their goals and idelas. We have also communicated our country's scientific research in areas of interest through social media, thus fulfilling the vision of the IAHR which is to disseminate and communicate scientific knowledge.

7.2. Describe how your YPN contributes to the high-level objectives of the IAHR YPN.

We contribute to the objectives of the IAHR YPN by providing our professionals and students with opportunities to be trained, either by participating in the activities of the different committees that compose our YPN or carrying out the organization of these activities. This helps our members to develop as leaders who seek the common good of the organization. We also seek to generate connections with professionals in different areas of interest from different parts of the country and the region, offer symposia and interviews about topics focused on our lines of work water, renewable energy, and environment.

Each month we strive to provide information related to research that is taking place in our country, we also promote scientific exchange with different YPN's in the region, who also offer talks, interviews about interesting topics for professionals and young people who wish to learn and acquire new knowledge.

ADDITIONAL MATERIAL

Activity 1. Agua y Cafe





Activity 2. Worlds Days





Activity 4. YPN PANAMA Member of the Month

IAHR
YPN
Panama
Young
Professionals
Network

"La verdadera generosidad por el futuro, consiste en entregarlo todo al presente"

- Albert Camus

Nicolle González R.
24 años
Estudiante de Ingeniería en Manejo de Ciencias Hidrográficas y Medio Ambiente

IAHR
YPN
Panama
Young
Professionals
Network

"Debes ser el cambio que quieres ver en el mundo"

- Gandhi.

Marissa Lorane Samudio Sánchez
28 años
Ingeniera Ambiental

IAHR
YPN
Panama
Young
Professionals
Network

"Mira profundamente en la naturaleza y entonces comprenderás todo mejor."

- Albert Einstein

Kimberly Beermann
26 años
Ingeniera Ambiental

Activity 5. Publications of events related to research



Activity 6. YPN PANAMA Member Research



Publicación

Simposio

Las aguas subterráneas en el Arco Seco de Panamá: un tesoro por explorar

Exposición	Orador
El recurso hídrico en el Arco Seco	Dra. Melisabel Muñoz
Modelos Hidrogeológicos Conceptuales Aplicados en el Arco Seco de Panamá	Ing. María Gabriela Castellón, MSc.

Presentación en XVIII congreso de APANAC 2021

María Gabriela Castellón

Presidencia de IAHR PANAMÁ YPN
Ingeniera en Recursos Hídricos / Hidrogeóloga

XVII CONGRESO NACIONAL DE CIENCIA Y TECNOLOGÍA APANAC 2021

REUTILIZACIÓN DE LAS AGUAS RESIDUALES TRATADAS PARA RIEGO CASO DE ESTUDIO: EFLUENTE DE LA PLANTA DE TRATAMIENTO DE AGUAS RESIDUALES DE CHITRÉ, PANAMÁ (2019-2020).

Expositora:
Liz Miller Gel

INFORMACIÓN DEL EVENTO
DÍA: 24 DE JUNIO
HORA: 10:00 AM A 10:15 AM.
LÍNEA TEMÁTICA: CIENCIAS AMBIENTALES Y CAMBIO CLIMÁTICO, NÚMERO: 208
<http://congreso.apanac.org.pa/>

XVII CONGRESO NACIONAL DE CIENCIA Y TECNOLOGÍA APANAC 2021

ESTIMACIÓN Y ANÁLISIS DE LA DEMANDA HÍDRICA DE LA SUBCUENCA DEL RÍO ESTIBANÁ COMO PARTE DEL BALANCE HÍDRICO (2018-2019).

Expositores:
Arcenio Martínez
Zuri Rodríguez

INFORMACIÓN DEL EVENTO
DÍA: 24 DE JUNIO
HORA: 11:15 AM A 11:30 AM.
LÍNEA TEMÁTICA: CIENCIAS AMBIENTALES Y CAMBIO CLIMÁTICO, NÚMERO: 215
<http://congreso.apanac.org.pa/>

XVII CONGRESO NACIONAL DE CIENCIA Y TECNOLOGÍA APANAC 2021

CARACTERIZACIÓN DE LA TEXTURA DE SUELO EN LA SUBCUENCA DEL RÍO ZARATÍ PARA LA EVALUACIÓN DEL SISTEMA DE AGUA SUBTERRÁNEA

Expositora:
Karol Márquez

INFORMACIÓN DEL EVENTO
DÍA: 24 DE JUNIO
HORA: 11:45 AM A 12:00 M.
LÍNEA TEMÁTICA: CIENCIAS AMBIENTALES Y CAMBIO CLIMÁTICO, NÚMERO: 216
<http://congreso.apanac.org.pa/>

XVII CONGRESO NACIONAL DE CIENCIA Y TECNOLOGÍA APANAC 2021

"INSPECCIÓN AL CICLO DE VIDA DE PROYECTOS DE CONSTRUCCIÓN SOSTENIBLE: HACIA UNA HOJA DE RUTA BASADA EN BIOMIMETISMO Y ECONOMÍA CIRCULAR"

Expositor:
Kimberly K. Beermann

INFORMACIÓN DEL EVENTO
DÍA: 24 DE JUNIO
"MODALIDAD DE PÓSTER"
CATEGORÍA: AMBIENTE Y CAMBIO CLIMÁTICO, NÚMERO: 201
<http://congreso.apanac.org.pa/>

XVII CONGRESO NACIONAL DE CIENCIA Y TECNOLOGÍA APANAC 2021

IDENTIFICACIÓN DE ÁREAS DE RECARGA A TRAVÉS DE UN MODELO HIDROLÓGICO EN LA REGIÓN DEL ARCO SECO DE PANAMÁ

Expositor:
Joh Noel
INGENIERO - HIDRÓLOGO

INFORMACIÓN DEL EVENTO
DÍA: 24 DE JUNIO
HORA: 10:45 AM.
CATEGORÍA: AMBIENTE Y CAMBIO CLIMÁTICO, NÚMERO: 251
<http://congreso.apanac.org.pa/>

IAHR Peru Young Professionals Network

2021 Annual Report of Activities



IAHR PERU Young Professionals Network

2021 Annual Report of Activities

1. Introduction

The IAHR Peru YPN was created as a network of young professionals and students in science and engineering who are motivated to conduct research and improve their skills in the areas of hydraulics, hydrology, water resources and their connection with other sciences such as climatology, ecology, geography, geology and related environmental sciences. The network has the support of the Peruvian Association of Hydraulic and Environmental Engineering (APIHA).

Our mission is to forge a group of highly committed professionals dedicated to promoting the involvement of young people in the integrated management of water resources in Peru and to proposing solutions to different issues where water both plays an essential role and is vulnerable. Our vision is to form a highly competent network capable of fostering future professionals who will contribute to different disciplines, policies, and decision-making in our country.

2. 2021 main goal and key objectives


- Promote activities for the construction of the social, cultural, scientific and technological development of the country.
- Collaborate and participate energetically in activities for the dissemination and knowledge of relevant issues in water resources.
- Generate research through theses and scientific articles on topics related to Water Resources.
- Collaborate and support projects proposed by various groups related to Water Resources in any part of the country.
- Disseminate knowledge and progress using all the means of communication that are at your disposal.

In summary, we have tried to meet the objectives mentioned in our statute despite the complications that have occurred during this year, so we have chosen to carry out multiple events online, which has allowed us to connect with researchers from other countries.

3. Composition

Officers


President

Rodrigo Alexander Chavarry Victoriano (rodrigo.chavarry@unmsm.edu.pe)	
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Vice President

Ivana Karina Escate Gastañaga (ing.escate05@gmail.com)	
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Advisor

Julio Montenegro Gambini (J.I.MontenegroGambini@tudelft.nl)	
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Secretary

Elizabeth Milagros Santiago Torres (emist2694@gmail.com)	
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Treasurer

Magaly Cusipuma Ayuque (ayuquemagaly@gmail.com)	
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Public Relations Coordinator

Carol Isabel Salazar Mamani (csalazar@unsa.edu.pe)	
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Academic Link Coordinator

Angel Martin Rincón Rodríguez (angel.rincon.r@uni.pe)	
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List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Abner Divan	Cari Mamani	Peru	Student Affiliate
Alexandra Jakelyn	Zuloaga Panana	Peru	Young Professional Affiliate
Alexis Balamero	Gutarra Rodriguez	Peru	Student Affiliate
Alfredo Enrique	Mory Loarte	Peru	Student Affiliate
Angel Martin	Rincón Rodríguez	Peru	Young Professional Affiliate
Angello Fabrizio	Figueroa Figueroa	France	Young Professional Affiliate
Anthony Kevyn	Del Rosario Ruiz	Peru	Young Professional Affiliate
Axel Steven	Uribe Rodriguez	Peru	Young Professional Affiliate
Carlos Edwin	Obispo Padilla	Peru	Young Professional Affiliate
Carmen Guadalupe	Rosas Tomas	Peru	Young Professional Affiliate
Carol Isabel	Salazar Mamani	Peru	Young Professional Affiliate
Channel Yurico	Rodriguez Torres	Peru	Young Professional Affiliate
Claudia	Lloclla	Peru	Young Professional Affiliate
Darwin Dino	Palma Tafur	Peru	Young Professional Affiliate
Eduardo Fred	Melendres Perez	Peru	Young Professional Affiliate
Edvin Neil	Huamanguillas Paravecino	Peru	Young Professional Affiliate
Elizabeth Milagros	Santiago Torres	Peru	Young Professional Affiliate
Elmer Dante	Rojas Zuta	Peru	Young Professional Affiliate
Erick Gianfranco	Zavaleta Vereau	Peru	Young Professional Affiliate
Frank Charles	Ramírez Bogovich	Peru	Young Professional Affiliate
Ivana Karina	Escate Gastañaga	Peru	Young Professional Affiliate
Jackeline Patricia	Tello Chavez	Peru	Young Professional Affiliate
Jean Carlos	Diestra Vidal	Peru	Student Affiliate
Jeefry Williams	Samaniego Huayanay	Peru	Young Professional Affiliate
Jheysson Rechter	Valdivia Chavez	Peru	Young Professional Affiliate
Jhudit Eva	Condori Mamani	Peru	Young Professional Affiliate
Jordan Joseph	Grados Panduro	Peru	Young Professional Affiliate
Joshua Er Addi	Iparraguirre Ayala	Peru	Young Professional Affiliate
Josue Arturo Neptali	Tanta Sandoval	Peru	Student Affiliate
Karen Adriana	Tunque Vilca	Peru	Young Professional Affiliate
Karen Fiorella	Aparco Carranza	Peru	Young Professional Affiliate
Karen Patricia	Garcia Angulo	Peru	Young Professional Affiliate
Lady Nathaly	Constancio Vilca	Peru	Young Professional Affiliate
Luiggi Anthony	Cardenas Acuña	Peru	Young Professional Affiliate
Magaly	Ayuque	Peru	Young Professional Affiliate
Malú Massiel	Galindo Sánchez	Peru	Student Affiliate
Michel Huber	Cueva Portal	Peru	Young Professional Affiliate

Michell Andree	Fernández Velarde	Peru	Young Professional Affiliate
Nataly Marisol	Chirinos Herrera	Peru	Young Professional Affiliate
Nelida Asbel	Ayta Humaní	Peru	Young Professional Affiliate
Pedro Alexis	Cahuana Coronacion	Peru	Young Professional Affiliate
Roberto Antonio	Muñoz Llanos	Peru	Young Professional Affiliate
Rodrigo Alexander	Chavarry Victoriano	Peru	Young Professional Affiliate
Sebastian	Manchego	Peru	Young Professional Affiliate
Thania Nathaly	Mostacero Ordaz	Peru	Student Affiliate
Vanessa Rosa	Hilario Coaguila	Peru	Young Professional Affiliate
Vanessa Victoria	Juárez Laura	Peru	Young Professional Affiliate
Victor	Gallo Ramos	Peru	Young Professional Affiliate
Victor Brian	Velasquez Huaman	Peru	Young Professional Affiliate
Waldir Anderson	Sulla Mendoza	Peru	Young Professional Affiliate
Wendy Rocio	Roque Quispe	Peru	Young Professional Affiliate
Yazid Pedro Nilton	Cordero Mescoco	Peru	Young Professional Affiliate
Yudyt de Milagros	Palma Tafur	Peru	Young Professional Affiliate

4. Communications

Website and social networks

Website	https://www.iahr.org/index/committe/122
Facebook	https://www.facebook.com/iahrperu/
Twitter	https://twitter.com/ypnperu
Instagram	https://www.instagram.com/ypnperu/
Linkedin	https://www.linkedin.com/company/ypnperu/
Youtube	https://www.youtube.com/channel/UCue8hVI15dGSLJJI_oSEqog


Promotional and information materials

Newsletter/s	Informative e-mails by e-mail
Publication/s	Posts via social media
Other	

5. Activities

Activities organised in 2021:

Activity 1 :

	<p>Name of the activity: Programming in R and Python applied to water resources - Intermediate level</p>
	<p>Dates: start and duration Wednesday February 03, 2021 (Duration of two months)</p>
	<p>Objectives: Provide tools and theoretical knowledge that allow students to improve their skills in programming in R and Python with applications related to water resources.</p> <p>Description: Event organized by the leadership team of our YPN, dictated by M. Sc. Julio Isaac Montenegro Gambini, with the support of the other members of the leadership team. The course was mainly directed to our members, however, we also had participants from other YPNs, as well as students related to the country and Latin America.</p>

Activity 2:

	<p>Name of the activity: Informative Talk: Young Professionals Networks</p>
	<p>Dates: 14 February 2021</p>
	<p>Objectives: Publicize the proposal of our YPN and extend the invitation to be part of us.</p>



Description:

We released our second call (2021) for the public to be part of our YPN IAHR network.

The objective was to make known both the objectives of the IAHR and those that we as a group will have to the public in general.

Activity 3:



Name of the activity

Interview sessions with researchers and professionals dedicated to the Area of Water Resources and The Environment.

Dates:

Friday February 19, 2021 - 07:00 mm - 08:00 pm (GMT-05:00).


Objectives:

In this interview María Cárdenas talked about her experiences as a researcher abroad, in addition to orienting future researchers and professionals in the field of water resources and the environment.


Description:

On February 19, 2021, Dr. María Cárdenas Gaudry was interviewed about her experiences as a researcher in the area of Environment and Water Resources in Germany, Austria and Peru.

Activity 4:

	<p>Name of the activity: The Project: The Water Journal Club</p>
	<p>Dates: Thursday February 25, 2021.</p>
	<p>Objectives: Organize activities involving open discussion of scientific articles related to Water Resources, in the following lines of research:</p> <ul style="list-style-type: none"> - Hydraulics and Computational Hydrology. - Ecohydrology and Environmental Flows - Integrated Management of Water Resources - Fluvial Hydraulics - Coastal Hydraulics - Design and Management of Hydraulic Systems - Climate Change and Water Resources - Hydrology and Climatology - Glaciers and Mountain Basins. <p>Promote activities for the construction of the social, cultural, scientific and technological development of the country through the free horizontal debate of scientific articles.</p>
	<p>Description Was founded on February 25, 2021 as a network for the exchange of knowledge and discussion of scientific articles in a group manner, in which debate and criticism strengthen scientific development and its dissemination.</p>

Activity 5 :

	<p>Name of the activity: Interview sessions with researchers and professionals dedicated to the Area of Water Resources and The Environment.</p>
	<p>Date: Friday February 26, 2021 - 6:00 pm (GMT - 05:00)</p>
	<p>Objectives: In this interview, Mitchel Jara shared with the network and the public audience his professional experiences in projects related to surface and subsurface water resources were discussed, in addition to orienting future researchers and professionals in the area of water resources.</p> <p>Description: On February 26, 2021, an interview was conducted with M. Sc. Mitchel Jara García, general manager of MJ & Asociados Water Resources Consulting, where he commented on his experiences as a consultant for projects related to surface and groundwater resources.</p>

Activity 6 :

	<p>Name of the activity: Interview sessions with researchers and professionals dedicated to the Area of Water Resources and The Environment.</p>
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	<p>Dates: Friday March 05, 2021 - 5:00 pm (GMT - 05:00)</p> <p>Objectives: In this interview, professional experiences in Water Quality research projects were talked about, in addition to orienting future researchers and professionals in the area of water resources.</p> <p>Description: Albert Johan Mamani Larico, Environmental and Water Resources specialist, was interviewed on March 5th, 2021, where he told us about his experiences in Water Quality research projects.</p>
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Activity 7 :

	<p>Name of the activity: Interview sessions with researchers and professionals dedicated to the Area of Water Resources and The Environment.</p> <p>Dates: Friday March 19, 2021 - 6:00 pm (GMT - 05:00)</p> <p>Objectives: In this interview we talked about experiences in research about projects related to environmental themes with Yuri Tito.</p> <p>Description: On 19 March 2021, an interview was held with the Agronomist Yuri Tito Quispe, consultant in</p>
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	Water Resources, where he told us about his experiences in research projects and environmental themes.
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Activity 8:

	<p>Name of the activity:</p> <p>First extraordinary session of the Glaciers and Mountain Basins Club</p> <p>Theme: "Effect of Climate Change on the Cordillera Blanca of Peru".</p>
	<p>Dates:</p> <p>Thursday March 18, 2021 - 5 pm- 6:00 pm (GMT - 05:00)</p>
	<p>Objectives:</p> <p>Regional global warming is causing an increasing retreat of glaciers in the Cordillera Blanca, Peru. The melting of these glaciers causes, among other consequences, the formation of new glacial lakes and an increase in the volume of pre-existing glacial lakes; both phenomena increase the possibility of glacial disasters. It is therefore important to provide guidance on these issues to students, researchers and professionals.</p>
	<p>Description</p> <p>On Thursday, March 18, 2021, the first extraordinary session of the Glaciers and Mountain Basins Club was realized, thus addressing a very important topic regarding</p>


	the phenomena that increase the possibility of glacial catastrophes.
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Activity 9 :

	Name of the activity:
	Webinars: Value of Water, Situation and Challenges of Water in Peru.
	Dates: Monday March 22, 2021 - 07:40 pm - 09:00 pm (GMT - 05:00)
	Objectives: Webinar focused on the situation and challenges of water in Peru according to the experience of the invited specialists.
	Description On Monday 22 March 2021, the webinar was presented focusing on the situation and challenges of water in Peru, in the context of the water day.

Activity 10:

	Name of the activity: First extraordinary session of the Hydrology and Climatology Club
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	<p>Theme: "Disparity of Hydroclimatic Change in the Peruvian Pacific Slope Basins"</p> <p>Dates: Friday March 26, 2021 - 7:00 pm - 8:00 pm (GMT - 05:00)</p> <p>Objectives:</p> <p>The importance of this session is centred on hydrological and climatic themes, where a detailed analysis of the hydro-climatological variability in the basins of northern Peru is presented.</p> <p>Description</p> <p>The first extraordinary session of the Hydrology and Climatology Club was realized on Friday 26th March 2021, with the aim of orienting students, researchers and professionals interested in the area of Hydrology and Climatology.</p>
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Activity 11 :

	<p>Name of the activity:</p> <p>First extraordinary session of the Hydraulic Systems Design and Management Club</p> <p>Theme: "Evaluation of the alternatives for the recovery of the storage capacity of the Poechos reservoir"</p>
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	<p>Dates: Friday April 02, 2021 - 6:00 pm - 7:00 pm (GMT - 05:00)</p> <p>Objectives: The importance of this session is centred on the themes of design and management of hydraulic systems, where the thematic was mainly based on an article about the largest dam in Peru, Poechos.</p> <p>Description: On Friday 02 April 2021, the first extraordinary session of the Hydraulic Systems Design and Management Club was realised, with the objective of orienting students, researchers and professionals interested in the area of hydraulic systems design and management.</p>
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Activity 12 :

	<p>Name of the activity: Webinar: "Transboundary Water Resources Management: Peru-Ecuador Case"</p> <p>Dates: Friday April 16, 2021 - 06:00 pm - 7:00 pm (GMT /- 05:00)</p>
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[illegible]

Activity 13:


<p>CICLO DE CONFERENCIAS AVANCES EN EL ESTUDIO DE FLUJOS HIPERCONCENTRADOS, DE LODO Y ESCOMBROS</p> <p>Martes 21 de Mayo 05:00 pm - 06:00 pm Bogotá, Lima, Quito</p> <p>Variables de Estudio de Flujos Hiperconcentrados BILL JOVERIA ALIAGA Ing. Civil de la Universidad Nacional de Ingeniería UNI, Perú. Investigador Asociado del Laboratorio Nacional de Estudios Geotécnicos e Hidráulicos de la UNH, Perú. 05-06:00 pm</p> <p>Alcances y modelización de flujos hiperconcentrados LUCIANO CASTILLO NAURIO Ingeniero de Asesoramiento Hidráulico de Ingeniería Civil, Perú. Instituto para el Desarrollo Científico y Tecnológico de la UNH, Perú. To: Bo. Gerencia de Investigación Científica - Universidad de Manabí, Ecuador. Gerencia General de la Universidad Politécnica de Valencia, España. 06-07:00 pm</p> <p>Avances y retos en la investigación sobre los huacos en el Perú SAMUEL OLIVERA ASTOCARUANA Ing. Civil - Universidad de Los Andes de México, México. Especialista en Ingeniería - Universidad de Ingeniería de Manabí, Ecuador. Dr. En Gestión de Proyectos - Universidad de Los Andes, Venezuela. Profesor Principal - IAP Ing. Civil y Mecánica de Fluidos de la UNH, Perú. 07-08:00 pm</p> <p>Herramientas de modelización numérica de flujos de escombros JULIO MONTENEGRO GAMIRE Ing. Civil de la Universidad Nacional de Ingeniería (UNI), Perú. Investigador de Post-Graduados de la Universidad Católica de Lima, Perú. Investigador con grupos de trabajo experimentales e innovadores - A. Computación de Estructuras y Fluidos. Laboratorio de procesos industriales de la - Ingeniería Industrial y Procesos de la UNH, Perú. 08-09:00 pm</p> <p>Transmisión por canal de YouTube y FACEBOOK LIVE</p> <p>Complicaciones especiales</p> <p>Informes: sympw@digital.com</p>	<p>Name of the activity:</p> <p>Cycle of conferences: Advances in the study of hyperconcentrated flows, slurry and debris flows.</p> <hr/> <p>Dates:</p> <p>Friday May 21, 2021 - 05:00 pm - 6:00 pm (GMT /- 05:00)</p> <hr/> <p>Objectives:</p> <p>The importance of this cycle of conferences is centered on themes related to the area of torrential hydraulics, challenges in research with rheologies other than water and the importance of sediments in its dynamics, as well as tools and approaches for its modeling; which is useful for disaster risk management, caused by natural phenomena, and the design of attenuation and retention structures.</p>
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	<p>Description</p> <p>On Friday 21 May 2021, we realised the cycle of conferences related to the themes of hyperconcentrated flows, slurry and debris flows, with the objective of orienting students, researchers and professionals interested in the area of prevention of Disaster Risk Management and Water Resources.</p>
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Activity 14:

	<p>Name of the activity:</p> <p>Webinar: "Best practices with Qgis applied to Water Resources"</p>
	<p>Dates:</p> <p>Sunday June 13, 2021 - 06:00 pm - 7:00 pm (GMT /- 05:00)</p>
	<p>Objectives:</p> <p>The importance of this webinar is centred on the theme "Best practices with Qgis applied to Water Resources".</p>
	<p>Description:</p> <p>On Sunday 13 June 2021, the webinar "Best practices with Qgis applied to water resources" was realised with the intention of orienting students, researchers and professionals interested in the area of Water Resources.</p>

Activity 15 :

	<p>Name of the activity: Webinar: Using OPENFOAM for Hydraulic works design</p>
	<p>Dates: Sunday, November 14, 2021 - 06:00 pm to 07:00 pm (GMT - 05:00).</p>
	<p>Objectives: The importance of this webinar is centred on the theme of "Using OPENFOAM for the design of hydraulic works".</p>
	<p>Description On Sunday 13 June 2021, the webinar "Using OPENFOAM for the Design of Hydraulic Works" was realised with the intention of orienting students, researchers and professionals interested in the area of Hydraulic Engineering using new trends in computational fluid dynamics.</p>

Activity 16 :

	<p>Name of the activity: Webinar: "How to read and analyse a scientific article"</p>
	<p>Dates: Saturday November 20, 2021 - 6:00 pm - 7:00 pm (GMT /- 05:00 Bogotá, Lima, Quito).</p>

	<p>Objectives:</p> <p>The importance of this webinar is centred on the theme "How to read and analyse a scientific article"</p> <p>Description:</p> <p>On Saturday 20 November 2021, the webinar "How to read and analyse a scientific article" was realised with the intention of orienting students, researchers and professionals in the discussion and analysis of scientific articles.</p>
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6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
Peruvian Association of Hydraulic and Environmental Engineering (APIHA)	Different meetings to seek for collaboration between professionals and scheduling events with presentations for the IAHR PERU Young Professionals Network

Collaboration with other YPNs

YPN name	Description of collaboration
IAHR Universidad Peruana de Ciencias Aplicadas (UPC) - CEDIRHMA Young Professionals Network. (President: Mayra Vega)	A coordination meeting was held with them to coordinate future events for the 2022-2023 period, such as a virtual information fair for scholarships for graduate studies in water resources.
IAHR UTEC Water and Environmental Research Young Professionals Network	It was developed together with them, the Webinar: Using OPENFOAM for Hydraulic works design (November 14th, 2021).

7. Contributing to the strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

During 2021 we have had different objectives that have been achieved with the collaboration of different members, especially in the training of different young people at undergraduate and postgraduate level with courses in computer programming, reading and discussion of scientific articles. These events have been very well received in Peru and internationally, proof of them are the successful numbers that we got through our social networks, this reception was achieved due to the high academic quality of the guests that we had, with which we are quite grateful for their time.

We have received, as we did in 2020, many messages from young professionals in the interior of Peru who are looking forward to joining our network. At the beginning of 2022 we have had elections and it will be the new leadership team who will make a new call so that we can welcome a new number of young people enthusiastic to learn and share experiences in water science and engineering.

This year we have achieved the participation of network members with their papers at the second world congress of the YPNs, where there was also an active participation of members with their consultations. We are very proud to have been one of the Latin American networks that has given an important stature to the event. As in this event, our group will always be interested in produce and disseminating research on environmental issues and those involving water, so we feel that we are on track and related to the vision and institutional strategic plan of the IAHR and we will continue to do so in the future.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

Our approach has always been to publicize the contributions in our fields of study made by multiple students, young professionals and researchers in our country, especially those from the interior of Peru who do not have the media to support them.

One of the main objectives of our group is to give a voice to researchers from universities that do not have an YPN or that do not have access to a broadcast channel with a greater number of possible recipients such as our social networks or IAHR's pages. In this period, we started to conduct interviews on Instagram, in order to know the academic and professional experiences, involved in the area of water resources.

Likewise, we have held online events in which we have had the participation of people involved in the IAHR from other countries such as Mexico and Spain, with which we are quite grateful, the topics that have been dictated through our events have had a great level in the academic aspect, proof of the quality of the presentations is the great reception that our events have had by the public from other Latin American countries such as Chile, Paraguay, Ecuador, Brazil, Argentina, among others.

We were able to meet since our creation with the different YPNs that are located in different universities in Peru such as Pontificia Catholic University of Peru, National Engineering University, La Molina National Agrarian University, Peruvian University of Applied Sciences and University of Engineering and Technology; in order to meet and find activities with a mutual interest. We were also able to coordinate with international YPNs such as Panama and Venezuela.

Our group aims to continue holding events that facilitate cooperation with other groups involved in water resources and the environment, either with other YPN networks or with associations related to the issue at the national and international level, all without neglecting the growth of our own members.

IAHR Poland Young Professionals Network

2021 Annual Report of Activities



Poland
**Young
Professionals
Network**

IAHR Poland Young Professionals Network

2021 Annual Report of Activities

1. Introduction

IAHR Poland YPN gathers PhD students and early career researchers to revitalise the Polish community of water-environmental scientists and practitioners.

2. 2021 main goal and key objectives

Our mission is to offer a fresh perspective on water-related issues, with some focus on the Polish environment. Our aim is to promote awareness on hydro-environmental issues and create a roundtable for ideas and innovation, knowledge exchange and collaboration.

3. Composition

Officers

President

Arianna	Varrani
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Vice President

Agata	Keller
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Advisor

Michael	Nones
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[Please add as many officers as needed]

List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Agata	Keller	Poland	Student
Agnieszka	Rajwa-Kuligiewicz	Poland	Professional
Anna	Łoboda	Poland	Professional
Arianna	Varrani	Poland	Professional
Joanna	O Keeffe	Poland	Student
Lukasz	Przyborowski	Poland	Professional
Maksymilian	Rybacki	Poland	Student
Motuma	Shiferaw Regasa	Poland	Student

Peshang	Hama Karim	Poland	Student
Szymon	Wojak	Poland	Student
Tesfaye	Senbeta	Poland	Student
Zofia	Pawlak	Poland	Student

4. Communications

[Website and social networks]

Website	https://sites.google.com/view/iahr-poland-ypn
Facebook	https://www.facebook.com/IAHRPolandYPN
Twitter	
Instagram	
Linkedin	
Other	


[Promotional and information materials]

Newsletter/s	
Publication/s	
Other	

5. Activities


[Activities organised in 2021] [Please also attach pictures a separate .JPG files]

Activity 1


	6th IAHR Europe Congress (participation and organisation of a live session)
	15-18 February 2021
	YPN - organised live session was designed to develop soft skills of Early Career Researchers.
	The live session organised for ERC "Science communication and Social media: friends or foes?" had a number of live-attendees around 150 people and the speech delivered by dr. Gianluca Pescaroli (UCL) focussed on how to use social media for the benefit of your research.

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Activity 2


	Webinar on Experimental methods and Instrumentation
	13-15 April 2021
	<p>The free-to-participate webinar showed experimental methods, instruments, measurement techniques, and data analysis routines for hydro-environment studies at the laboratory scale. Participation would help to obtain knowledge needed for designing research, allowed to discuss ideas with practitioners and develop recognition within professionals.</p> <p>Three days webinar included keynote lectures, industry representatives and 27 presentations delivered mostly by young researchers, including members of YPN Poland.</p>

Activity 3

	Virtual toast to celebrate publications of our members
	13 th May 2021
	The gathering was meant to celebrate the wins and publication of YPN members in 2021.
	An informal meeting gathered members online. Among main topics was success stories of published works and a thank you for being part of a community. At the end we raised our glasses to future success and hard work.

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Activity 4

	2 nd IAHR YPN Congress
	30 th November-2 nd December 2021
	(participating members) Outreaching and research outcomes presentation. Seeking mentorship and insights from a panel of experts.
	(organising member) Improving organisation and management skills.
	Both participating and organising members had the chance to learn respectively how to improve their presenting skills and their management skills.

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership

Collaboration with other YPNs

YPN name	Description of collaboration
(drafted) Scandinavia YPN Baden-Wuerttemberg YPN	Organising joint events in 2022

7. Contributing to the IAHR strategic plan

7.1. The activities of IAHR YPN Poland in 2021 fit into the vision and strategic plan of IAHR during ongoing years. As a relatively young group, supporting and participating in IAHR organised and sponsored activities, we were able to disseminate our research outcomes to a wide audience, and this helped a lot to build our own network, and contribute to others collaborative efforts.

The co-organized webinar “Experimental Methods and Laboratory Instrumentation in Hydraulics” fits also perfectly with the goals of the organization.

7.2. Our 2nd year of activities focussed on our members' interests and the virtual activities were mostly aims at sharing state-of-the-art knowledge and improving our early career researchers "hard skills".

IAHR Portugal Young Professionals Network

2021 Annual Report of Activities



Portugal
**Young
Professionals
Network**

IAHR Portugal Young Professionals Network

2021 Annual Report of Activities

1. Introduction

The Portugal Young Professionals Network (Portugal YPN) of the International Association for Hydro-Environment Engineering and Research (IAHR) has a mission to foster the relationships between young students, researchers and professional engineers interested in sharing experiences and knowledge in the field of hydro-environment engineering and research. In times when young professionals are challenged every day, Portugal YPN aims to help young professionals to boost their early career, increasing their skills and their network of contacts.

Portugal YPN was born as a group of young professionals and researchers among members. In the year of 2014, at the 3rd Europe Congress of IAHR, in Faculdade de Engenharia da Universidade do Porto, the first milestone was placed. In a meeting organised by the IAHR top members and with the collaboration of Universidade de Coimbra, the decision to create a Portuguese YPN was made. At the beginning of 2015, IAHR Portugal YPN was born with a group of young professionals aiming to provide their contribution in the field of hydro-environment engineering and research, also seeking a generalized improvement of their society's value.

2. 2021 main goal and key objectives

The 2021 main goal was to increase the visibility of the IAHR-PT-YPN and the engagement between academia researchers and industry engineers in Portugal. The key objectives were established taking into account the restrictions caused by Covid-19 outbreak and adjusted to this new reality. Four key objectives were defined as follows:

1. Improve communication networks including the growth of social media networks and the updating of the website.
2. Increase the number of memberships.

3. Composition

Officers

President

Marta Cabral	Instituto Superior Técnico
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Vice President

João Delgado	EDP New
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Treasurer

Catarina Jorge	Laboratório Nacional de Engenharia Civil
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Secretary

Joana Carneiro	Instituto Superior Técnico
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Advisors

Tiago Ferradosa	Faculdade de Engenharia da Universidade do Porto
Jorge Gonçalves	Faculdade de Engenharia da Universidade do Porto

List of members

Portugal YPN has 16 active members, 8 of which are professional affiliates and the remaining 8 are students. During the course of the year, one new member joined the association and five members left.

Name	Surname	Country	Membership category (student or professional affiliate)
Ana Margarida	Ricardo	Portugal	PRO
Ana Margarida Lopes	Saraiva Alves Bento	Portugal	STU
Tiago João	Fazeres Ferradosa	Portugal	PRO
Pedro Xavier	Ramos	Belgium	STU
Diogo	Silva Mendes	Portugal	PRO
Diogo	Fonseca	Portugal	PRO
Jorge José Teixeira	Gonçalves	Portugal	PRO
Marta Sofia	Ferreira Cabral	Portugal	STU
Alexandre Da	Silva Pinheiro	Portugal	STU
João Nuno Gomes	Borga Delgado	Portugal	PRO
João Paulo	Ferreira	Portugal	STU
Catarina	Jorge	Portugal	STU
Filipa	Duarte	Portugal	PRO
Joana	Baltazar	Portugal	STU
Joana	Carneiro	Portugal	PRO
Bárbara	Duarte	Brazil	STU

4. Communications

[Website and social networks]

Website	http://iahrportugal.org/
Facebook	https://www.facebook.com/portugal.ypn.iahr

Twitter	https://twitter.com/portugalypniahr
Instagram	N/A
Linkedin	https://www.linkedin.com/company/pt-ypn-iahr
Other	N/A

Twitter – Statistics from 01 January 2021 until 1 January 2021:

- 16 followers.
- 6 tweets.

LinkedIn – Statistics from 01 January 2021 until 1 January 2021:

- More 60 new followers.
- 89 views.
- Visitors were mainly from Portugal and higher education.

Newsletter/s	N/A
Publication/s	N/A
Other	N/A

5. Activities

No activities were organised in 2021 by the Portugal YPN.

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
N/A	N/A

Collaboration with other YPNs

YPN name	Description of collaboration
N/A	N/A

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

During 2020 our activities have contributed for the following IAHR four pillars:

1. **Provide a world class international networking platform and great member experience:** The IAHR Portugal YPN continues to grow its members that work in the industry (specially design engineering companies) and provides an opportunity to network between academia and industry. Also, some of our Portuguese members are researching/working abroad and, therefore, their shared experiences through for instance our opinion articles, can contribute to the development of our member community.
2. **Inspire, disseminate and catalyse state-of-the-art knowledge and thinking:** At the IAHR Portugal YPN we are inviting our members, as well as non-members, to write opinion articles that relate the acquired knowledge with civil society problems. By promoting these articles, we are trying to foster positive discussion and engagement between different parties to leverage ideas and brainstorming events.
3. **Institute events that set agendas, harness, and amplify the collective knowledge of the global Hydro-Environment community:** The partnerships established in the previous years will allow us to cooperate with different associations/universities from Portugal in knowledge and experiences sharing.
4. **Act as a global voice on behalf of the Hydro-Environment engineering industry and research community:** In the previous years, the YPN participated in an event for discussing the 2030 Portuguese Strategic Plan for Water supply and Sewage, allowing us to raise several questions that, in our opinion, and based on our different backgrounds, should be addressed by the Strategic Plan.

IAHR Queensland Young Professionals Network

2021 Annual Report of Activities



Queensland
**Young
Professionals
Network**

IAHR Queensland Young Professionals Network

2021 Annual Report of Activities

1. Introduction

The IAHR Queensland YPN brings together students and young water professionals in the science and engineering fields. The network has the support of Griffith University's Cities Research Institute.

Our mission is to establish a vibrant community of young professionals driven by leading practices in the water sector. Our strategy is to share knowledge, research ideas, project opportunities, and to promote young professionals' involvement in policy-making and strategic water research initiatives.

We also aim to build a shared vision between academia, industry and government, enabling young researchers to better identify and understand the most pressing water problems in Queensland and Australia. We encourage an interdisciplinary approach to water-related projects, that acknowledges and accounts for the complex interdependencies between water, energy, environment and climate systems, among others.

Our vision is to foster the next generation of water professionals in Queensland, to obtain the skills required to deal with, and find solutions for, the increased pressure on natural water resources that our society will face.

2. 2021 main goal and key objectives

Since our YPN was formed just in late 2020, our main objective was to promote the group by organising a few networking events.

3. Composition

Officers

President

Dr Edoardo Bertone	
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Vice President

Mr Benny Rousso	
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Advisor

Dr Oz Sahin	
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List of members

Benny Rousso	Griffith University / Deakin University	Australia
Chamantha Athapaththu	Griffith university	Australia
Dave Somasundaram	The University of Queensland	Australia
Dima Al Atawneh	Griffith University	Australia
Edoardo Bertone	Griffith University	Australia
Fuxin Zhang	Griffith University	Australia
Glauber Cardoso de Oliveira	Griffith University	Australia
Ioana Giurgiu	Griffith University	Australia
Mackenzie Trenerry	Griffith University	Australia
Martin Luna Juncal	Griffith University	Australia
Muhammad Zain Bin Riaz	University of Wollongong	Australia
Qianhong Lu	Suzhou Planning & Design Research Institute	China
Ryugen Satoh	Nihon University	Japan
Subaru Muroi	Griffith University	Australia
Xinchen Wang	Griffith University	Australia

4. Communications

[Website and social networks]

Website	
Facebook	https://www.facebook.com/groups/3307838082658592
Twitter	
Instagram	
Linkedin	https://www.linkedin.com/company/70490536/admin/
Other	

[Promotional and information materials]

Newsletter/s	
Publication/s	
Other	


5. Activities

[Activities organised in 2021] [Please also attach pictures a separate .JPG files]

Activity 1

<p>Picture/s</p> 	<p>Name of the activity</p> <p>Inaugural event</p>
	<p>Dates</p> <p>18/12/2020</p>
	<p>Objectives</p> <p><i>motivating membership and networking</i></p>
	<p>Description</p> <p>A 2-hour event with 30 participants was organised at Griffith University, Gold Coast. We introduced the group, and each participant introduced themselves. We then brainstormed potential activities for the group. The event was followed by a networking lunch.</p>


Activity 2

<p>Picture/s</p> 	<p>Name of the activity</p> <p>Second networking event</p>
	<p>Dates</p> <p>19/05/2021</p>
	<p>Objectives</p> <p><i>Motivating membership, mentoring</i></p>
	<p>Description</p> <p>After an unfortunate cancellation in March due to a lockdown, we had this event at Griffith University's South Bank Campus</p>

2021 Annual Report of Activities

	(Brisbane). The purpose was to attract more members from the city. We had around 20 young professionals and 7 senior speakers who talked about their professional lives (academic, industry). The event was followed by a brief networking lunch.
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Activity 3

<p>Picture/s</p>  <p>IAHR QLD Young Professional Network</p> <p>The International Association for Hydro-Environment Engineering and Research (IAHR) Queensland Young Professionals Network brings together students and young early professionals in the science and engineering fields who are supported by IAHR, the Australian Water Research Institute.</p> <p>Our mission is to establish a vibrant community of young professionals devoted to creating professional development opportunities, sharing knowledge, research, ideas and to open opportunities, while also promoting IAHR's professional, environmental, scientific, technical and strategic vision research activities.</p> <p>We are committed to a strong relationship between academia, industry, and government, making young</p>	<p>Name of the activity</p> <p>First IAHR QLD YPN conference</p>
	<p>Dates 14/12/2021</p>
	<p>Objectives</p> <p><i>Delivering opportunities for professional development, motivating membership,</i></p>
	<p>Description</p> <p>At the time of writing, we are organising this conference to hopefully attract more young professionals, especially academic (as they will get a chance to share their research work) but also from industry (we have partnered with the Australian Water Association local young professional group). We will have again a session with senior professionals' presentations and lunch to facilitate networking and mentorship.</p>

Have you organised any activities to promote membership? If yes, please include them

Yes please above.

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
Australian Water Association	Discounted registration to our conference to facilitate linking/networking with their members.
Griffith University Cities Research Institute and Australian Rivers Institute	Small funding provision and events hosting

Collaboration with other YPNs

YPN name	Description of collaboration

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

All events are linked to Pillar #1 (Provide a world class international networking platform and great member experience) while event #3 (conference) also addresses Pillar #3 (Institute events that set agendas, harness and amplify the collective knowledge of the global Hydro-Environment community.)

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

As above

IAHR Roma Tre Young Professionals Network

2021 Annual Report of Activities



IAHR Roma Tre Young Professionals Network

2021 Annual Report of Activities

1. Introduction

The IAHR aims at connecting professionals and students in the hydro-environmental field all over the world. The Young Professional Network Roma Tre has been part of this mission since 2020 as a team. The IAHR Roma Tre YPN brings together a group of PhD students and young professionals with engineering and physics backgrounds from Roma Tre University in Rome, Italy.

2. 2021 main goal and key objectives

The network aims to promote the exchange of experiences, research progresses and skills in different areas of hydraulics and related environmental sciences with broader interest in experimental, theoretical and computational fluid mechanics. We will strive to foster an inclusive and collaborative research network based on planned seminars and webinars.

3. Composition

Officers

President

Maria Chiara	De Falco
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Vice President

Maria Rita	Maggi
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Advisor

Claudia	Adduce
---------	--------

[Please add as many officers as needed]

List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Ester	Marafini	Italy	Professional Aff.
Rossella	Belloni	Italy	Professional Aff.
Stefano	Miliani	Italy	Professional Aff.
Jacopo	Busatto	Italy	Professional Aff.

4. Communications

Website	https://www.iahr.org/index/committe/124
Facebook	N/A
Twitter	N/A
Instagram	N/A
Linkedin	https://www.linkedin.com/company/iahr-roma-tre-ypn
Other	


Newsletter/s	N/A
Publication/s	N/A
Other	

5. Activities

Activity 1

 <p>The banner for the 2nd IAHR Young Professionals Congress features a blue background with a world map. It includes the IAHR logo, the YPN logo, and text indicating it is hosted by Spain Water and IWHR, China. The website ypcongress.iahr.org and the hashtag #iahrYpCongress are also displayed.</p>	Participation at 2nd IAHR YPN Congress (online)
	30 th November – 2 nd December 2021
	<p>Objectives:</p> <ul style="list-style-type: none"> - Keeping informed about current research topics; - Sharing of our main findings with other participants; - New connections with other YPN. <p>Opportunity for the YPN members to be introduced in the YPNs and IAHR community and present the research works .</p>

Activity 2

	Participation at the webinar on “Experimental Methods and Laboratory instrumentation in Hydraulics”.
	13 th – 15 nd April 2021
	<p>Objectives:</p> <ul style="list-style-type: none"> - Keeping informed about innovative experimental methods and laboratory instrumentation; - Sharing of our experimental techniques with other participants. <p>The webinar promoted experimental methods, instruments, measurement techniques, and data analysis routines for hydro-environment studies at the laboratory scale.</p>

Activity 3

Picture/s	Course of “Probability, statistical analysis and stochastic processes”.
	June - July 2021
	<p>Objectives:</p> <ul style="list-style-type: none"> - To acquire knowledge on spatial distributed data and time series; - To acquire knowledge on probabilistic schemes and testes;


2021 Annual Report of Activities

	<ul style="list-style-type: none"> - Simulations of random processes using the Wolfram Mathematica software.
	<p>Description:</p> <p>The course will make the students familiar with the concept of uncertainty and randomness essential for a comprehensive data acquisition and analysis.</p>

Activity 4

Picture/s	Short Course on Geophysical Methods for Near Surface and Subsurface Characterisation.
	10 th - 14 th May 2021.
	<p>Objectives:</p> <ul style="list-style-type: none"> - Being able to understand the physical principles of important geophysical methods; - Be familiar and aware of the popular geophysical methods; - Be able to select and apply best suited or appropriate geophysical methods.
	<p>Description:</p> <p>In this course the application of study of the physical properties of earth and its application to understand subsurface features and structures will be taught with suitable case studies.</p>

Activity 5

<p>Picture/s</p> 	Summer Social Dinner
	26 th July 2021.
	<p>Objectives:</p> <ul style="list-style-type: none"> - Motivating membership; - Promoting membership of other young professionals from Roma Tre Engineering Department.
	<p>Description:</p> <p>Social occasion among the members of the YPN and other young researchers of Roma Tre Engineering Department.</p>

6. Partnerships and collaborations

Organisation	Description of partnership
CNR-ISMAR	Some of our members collaborate with the organization in order to conduct their researchers.

7. Contributing to the IAHR strategic plan

Our activities in the present year have spread the studies of our members as well as promoted collaborations with other young professionals. Furthermore, the courses that our members attended helped to improve the knowledge necessary to enhance the research quality.

IAHR Seoul National University Young Professionals Network

2021 Annual Report of Activities



Seoul National
University
**Young
Professionals
Network**



IAHR Seoul National University Young Professionals Network (IAHR SNU YPN)

2021 Annual Report of Activities

1. Introduction

The IAHR SNU YPN was created at the Seoul National University (SNU) in Seoul, South Korea in July 2020. The chapter started out with 12 members, all of them from graduate program at department of civil & environmental engineering in SNU. We aimed to promote awareness on recent hydro-environmental issues and provide a communication platform to share ideas, experience, and knowledges.

2. 2021 main goal and key objectives

1. catalyse professional thinking and knowledge to improve the research works through the seminars.
2. globally share member's great experience to broaden their research horizon by participating to international congresses.

3. Composition

Officers

Advisor: Yong Sung Park (Professor, Civil and Environmental Engineering)

President: Byunguk Kim (Masters student, Civil and Environmental Engineering)

Vice president: Dongwook Hwang (Masters student, Civil and Environmental Engineering)

Secretary: Jiheun Kim (Masters student, Civil and Environmental Engineering)

Treasurer: Bo-Kyeong Kim (Masters student, Civil and Environmental Engineering)

List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Byungkuk	Kim	South Korea	Student
Bo-Kyung	Kim	South Korea	Student
Jiheun	Kim	South Korea	Student
Seongeun	Choi	South Korea	Student
Hyeon-ju	Kim	South Korea	Student
Gi Joo	Kim	South Korea	Student
Heoungchul	Park	South Korea	Student
Siyeon	Kwon	South Korea	Student
Noh	Hyoseob	South Korea	Student
Junghoo	Lee	South Korea	Student
Minjae	Lee	South Korea	Student
Dongwook	Hwang	South Korea	Student

4. Communications

[Website and social networks]

Website	-
Facebook	-
Twitter	-
Instagram	-
Linkedin	-
Other	-

[Promotional and information materials]

Newsletter/s	-
Publication/s	-
Other	-

5. Activities

Activity 1

Picture/s



Name of the activity

IAHR YPN Korea meeting

Dates

17-18 November 2020

Objectives

To share the values and plans of YPN groups in South Korea, and to promote the collaboration with each other.

Description

This was the first-time meeting of three YPN groups from SNU, YU, and KU. In the meeting, we shared the thoughts, values, plans, strategies and so on. Starting with this, we will continue to contact each other to improve and widen our perspective in the future.

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership

Collaboration with other YPNs

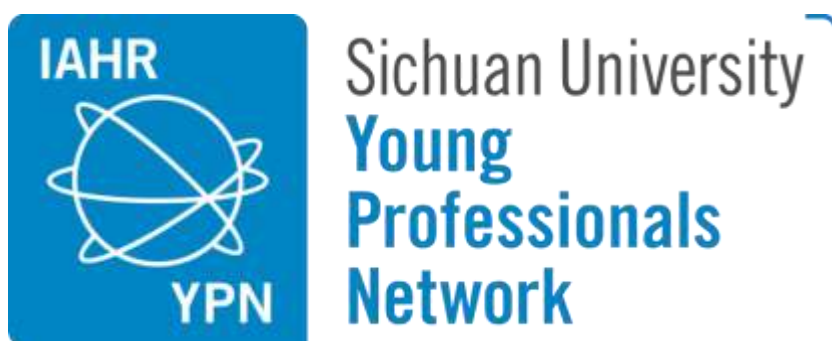
YPN name	Description of collaboration

7. Contributing to the strategic plan

The IAHR technical committee on Education and Professional Development organized the 1st Yong Professional Congress to globally encourage the researchers to interact each other so that the synergy makes our works get better. As a part of the community, we presented our key works through the webinar and had a communication with the mentors and peers from abroad. This activity was great opportunity to broaden our research horizon. These our efforts will contribute to the IAHR's purpose to provide the international network.

IAHR Sichuan University Young Professionals Network

2021 Annual Report of Activities



IAHR [Sichuan University] Young Professionals Network

2021 Annual Report of Activities

1. Introduction

IAHR Branch of Sichuan University was established in 2003. As one of the student branches of IAHR, it aims to provide teachers and students of Sichuan University with cutting-edge information in river and ocean dynamics, water resources development, eco-hydraulics, ice engineering, hydroinformatics and other professional fields .

2. 2021 main goal and key objectives

IAHR Sichuan University Branch is an academic association with the following objectives:

①To encourage and support members to participate in activities related to hydraulics and expand hydraulic professional knowledge. ②To strengthen the contact with members, increase the contact with domestic water conservancy colleges and international water conservancy organizations, broaden the vision of members. ③ To provide members with an international platform and opportunities to contact experts and scholars at home and abroad.

3. Composition

Officers

President

Kun Wang	
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Vice President

Xiaowu Gou	Tao Liu
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Advisor

Pengzhi Lin	Hang Wang
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List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Kun	Wang	China	Student
Hong	Hu	China	Student
Han	Wu	China	Student
XiaoWU	Gou	China	Student
Tao	Liu	China	Student

Chonglin	Wang	China	Student
Wei	Dai	China	Student
Jinglin	Jin	China	Student
Yanlin	Liu	China	Student
Xiaonan	Yan	China	Student
Yuetong	Hao	China	Student
Silu	Ye	China	Student
Caisheng	Huang	China	Student
Qianke	Xu	China	Student
Tao	Jin	China	Student
Qian	Chen	China	Student
Chuanjing	Guo	China	Student
Jie	Zhong	China	Student
Xiaolong	Zhang	China	Student
Yun	Lu	China	Student
Zeyang	Lu	China	Student
Xin	Xie	China	Student
Hao	Zheng	China	Student
Ou	Zhao	China	Student

4. Communications

[Website and social networks]

Website	No
Facebook	No
Twitter	No
Instagram	No
Linkedin	No
Other	No

[Promotional and information materials]


Newsletter/s	No
Publication/s	No
Other	No

5. Activities

[Activities organized in 2021] [Please also attach pictures a separate .JPG files]

Activity 1

	Volunteering activities of the 2 nd International Symposium of Water Disaster
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	Mitigation and Water Environment Regulation
	2021.7.5 - 7.7
	Objectives (<i>Delivering opportunities for professional development, raising awareness about water issues</i>)
	<p>Description</p> <p>During the conference, IAHR members gained expertise, including (1) water crisis and disaster prevention; (2) Water pollution prevention and control; (3) Water ecological protection and restoration; (4) Frontier of water science and engineering. Team awareness and cohesion are also strengthened through volunteering</p>

Activity 2

	IAHR Association Sichuan University Branch 2021 recruitment and the second general meeting
	2021.9.27
	Objectives (<i>motivating membership</i>)
	<p>Description</p> <p>Encourage members to complete their own scientific research tasks, actively participate in the activities of the association, and promote the all-round development of personal morality, intelligence, physical and aesthetic.</p>

Activity 3

	The 3rd Frontier Symposium of Hydraulic Science development and the live viewing activity of IAHR China Branch in 2021
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	2021.11.18 - 19
	Objectives (<i>raising awareness about water issues</i>)
	<p>Description</p> <p>All members of IAHR Sichuan University Chapter actively participated in the meeting and shared their thoughts. Members had extensive and in-depth discussion on intelligent management of Yangtze River Basin, ecological dispatching, digital twin huaihe intelligent flood control system and other topics, and gained more knowledge and understanding of the frontier issues of hydraulic science.</p>

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
None	

Collaboration with other YPNs

YPN name	Description of collaboration
None	

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

In order to meet the needs of students to acquire academic knowledge promptly and improve academic communication skills, a number of academic activities are carried out through online platforms. Dr. Wenqi Li was invited to bring a lecture on the theme of 'Small Tools for Scientific Research'. In order to explore the mode of dissemination and sharing of water knowledge in multiple crises, the Chinese Academy of Water Sciences and IAHR organized a

series of academic activities. Sichuan Branch of IAHR actively participated in the online viewing and discussed hot issues such as climate change, global water security, and flood risk management. A lively discussion was held and the international perspective was expanded. In order to ensure that the IAHR Sichuan University Branch has enough backup force to carry activities more effectively, the IAHR Sichuan University Branch carried out a welcome activity, and recruited 24 new members. The cohesion of the team is strengthened by holding various and meaningful activities during the 3rd Frontier Academic Symposium on the development of Water Conservancy Discipline and the 2021 IAHR China Branch Live Event, through extensive and in-depth discussions on topics such as intelligent management of the Yangtze River Basin, ecological dispatch, and digital twin Huaihe River Smart Flood Control System, members have a deeper understanding of the frontier issues of water conservancy science. Through various activities, the cohesion of the team is strengthened.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

In 2021, IAHR Association Sichuan University Branch held a series of academic activities. The activity forms are very diverse, the activity content is very interesting, and the themes of the activities are very rich. There are both online and offline activities. The content of the event includes not only domestic academic leaders focusing on hot topics at the forefront of the discipline, but also top international scholars sharing valuable insights based on their own experiences. The theme of the event not only focuses on the "small" theme of academic paper writing, but also has a grand perspective in the field of water conservancy.

IAHR Spain Young Professionals Network

2021 Annual Report of Activities



IAHR Spain Young Professional Network

2021 Annual Report of Activities

1. Introduction

The IAHR Spain Young Professional Network was founded in 2020 from the union of the three YPNs that existed in Spain (Southeast Spain, Madrid and Galicia) with the aim of creating a nationwide network. The Spain YPN is aimed at young researchers, and also at more technical profiles in companies and industry, in the field of water engineering in Spain, currently having more than 40 members and representation in 9 Spanish universities. The main objectives of the Spain YPN are to promote interaction and collaboration among the members of the YPN itself, as well as to cooperate with other national and international networks; to actively participate in the technical committees and working groups of the IAHR; and to foster divulgation activities and promote projects and research related to water engineering.

2. 2021 main goal and key objectives

The IAHR Spain Young Professional Network was set up in 2020, so the main goals for 2021 were related to the reinforcement of the created national network, organizing activities by YPN members from different institutions and involving non-active and potential members. The number of officers has been adapted to coordinate the activities though the increasing number of institutions. Promoting YPN activities, job opportunities and projects and works developed by YPN members was also a key objective set for this year, focusing the efforts through the YPN twitter account which has grown to more than 200 followers in just one year.

3. Composition

Officers

President

Juan Naves García-Rendueles	juan.naves@udc.es
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Vice President

Francisca Marco Cutillas	francisca.marco@upct.es
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Secretary

Araceli Martín Candilejo	araceli.martin@upm.es
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Public Relations officer

Manuel Regueiro Picallo	manuel.regueiro1@udc.es
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Activities Coordinator

Sarai Díaz García	Sarai.Diaz@uclm.es
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Academic Links

Gonzalo García-Alén Lores	g.glores@udc.es
Daniel Valero Huerta	d.valero@un-ihe.org

Advisor

José María Carrillo	jose.carrillo@upct.es
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List of members

Name	Affiliation
Dr. Ing. Fernando Salazar González	CIMNE - International Center for Numerical Methods in Engineering
Dr. Daniel Valero Huerta	IHE Delft Institute for Water Education
Mr. Ignacio Fraga Cadorniga	Universidade da Coruña
Beatriz Nácher Rodríguez	Universitat Politècnica De València
Dr. Maria Maza	IHCantabria, Universidad de Cantabria
Dr. Ing. Sarai Díaz García	E.T.S.I. Caminos, Canales y Puertos - University of Castilla-La Mancha
Dipl. Ing. Francisca Marco Cutillas	Universidad Politécnica De Cartagena
Mr. Jorge Molines Llodrá	Universitat Politècnica de Valencia
Mr. Juan Francisco Macián Pérez	Universitat Politècnica de València
Mr. Manuel Regueiro Picallo	Universidade da Coruña
Dr. Ing. Juan Naves García-Rendueles	Universidade da Coruña
Miguel Rico Cortés	JACOLBS
Dr. Iván Gabriel Martín	Universidad Politécnica de Madrid
Dr. Modesto Pérez Sánchez	Universitat Politècnica de València.
Dipl. Ing. Víctor Manuel Fernández Pacheco	University of Oviedo
Esteban Sañudo Costoya	Universidade da Coruña
Dipl. Ing. Amal Nnechachi Bounous	Universidade da Coruña
Ing. Ronnie Araneda Cabrera	Universidade da Coruña
Mr. AITOR FERNÁNDEZ JIMÉNEZ	University of Oviedo
Alicia Ros Bernal	Universidad Politécnica de Cartagena
Dipl. Ing. María Encarna Martínez Moreno	Universidad Politécnica de Cartagena
Leticia Ramos Cuevas	Universidad Politécnica de Cartagena
David Pereñíguez Fernández	Universidad Politécnica de Cartagena
Dipl. Ing. Bartolomé Morote Sánchez	Universidad Politécnica de Cartagena
José Antonio Martínez Enriquez	Universidad Politécnica de Cartagena
Ana Martínez Arredondo	Universidad Politécnica de Cartagena
Stephany Beltrán Martínez	Universidad Politécnica de Cartagena
María Trinidad García Hernández	Universidad Politécnica de Cartagena
María Inés Rojas Lombana	Universidad Politécnica de Cartagena
Marta Sánchez Burillo	Universidad Politécnica de Cartagena
Patricia Molina López	Universidad Politécnica de Cartagena
Dipl. Ing. Antonio Ortín León	Universitat Politècnica De València

José María	Universitat Politècnica De València
Dipl. Ing. Araceli Martín Candilejo	Polytechnical University of Madrid
Mr. Gonzalo García-Alén Lores	Universidade da Coruña
Juan Fernando Farfán Durán	Universidade da Coruña
Alejandro Lopez Núñez	Universidade da Coruña
Mr. Andrea Paindelli	AQUATEC SUEZ
Oscar Tomas Vegas Niño	Universitat Politècnica de València (UPV)
Maria Emilia Maza Fernández	Universidad de Cantabria
Modesto Pérez Sánchez	Universitat Politècnica de València
Lorena Lombana González	Facultad de Ciencias, Plaza La Merced S/N, Salamanca
Marcos Sanz Ramos	Instituto Flumen (UPC-CIMNE)
Jose Maria Carrillo Sánchez	Supervisor (UPCT)

4. Communications

[Website and social networks]

Website	https://www.iahr.org/index/committe/121
Facebook	-
Twitter	https://twitter.com/spainypn
Instagram	-
Linkedin	Soon
Mail	SpainYPN@upct.es
Youtube	https://www.youtube.com/playlist?list=PLSI_AoS8gdfvplh4VIBVIXHM0sZbelp-O5

[Promotional and information materials]


Promotion video	https://www.youtube.com/watch?v=R2YX4g_fyXY
Publication/s	Twitter: 91 YouTube: 8 (6 webinars + 2 promotion video)
Other	Twitter analytics (2021): <ul style="list-style-type: none"> • Total tweet impressions = 70k • Profile visits = 7,3k • Total followers = 216

5. Activities

Activity 1


<p>Picture/s</p> 	<p>Name of the activity Methodology for the study of ancient hydraulic systems. Application to the water supply of Cartagena in the 19th century.</p> <p>Dates 28 January 2021</p> <p>Objectives: <i>Promotion Spain YPN and Spain YPN members, motivating membership. Delivering opportunities for professional development. Increase presentation and moderation skills.</i></p> <p>Description IAHR Spain YPN III Webinar: Methodology for the study of ancient hydraulic systems. Application to the water supply to Cartagena in the 19th century. On this occasion, we will have Prof. Francisco Javier Pérez de la Cruz (Polytechnic University of Cartagena) who will talk about the methodology for the study of ancient hydraulic systems and its application to the water supply to Cartagena during the 19th century. Attending and participating is free, don't miss it!</p>
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Activity 2

<p>Picture/s</p> 	<p>Name of the activity Characterization of sediment accumulation, erosion and transport in combined sewers</p> <p>Dates 25 February 2021</p> <p>Objectives <i>Promotion Spain YPN and Spain YPN members, motivating membership. Delivering opportunities for professional development. Increase presentation and moderation skills.</i></p> <p>Description IAHR Spain YPN IV Webinar: Characterization of sediment accumulation, erosion and transport in unitary sanitation pipes. On this occasion, Manuel Regueiro Picallo, PhD in civil engineering from the Universidade da</p>
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	Coruña, will talk about the characterization of sediment accumulation, erosion and transport in unitary sanitation pipes. We invite you to participate and join our community.
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Activity 3

<p>Picture/s</p> 	<p>Name of the activity</p> <p>Study of the hydraulic jump and its application in stilling basins through physical and numerical modelling</p>
	<p>Dates</p> <p>25 March 2021</p>
	<p>Objectives</p> <p><i>Promotion Spain YPN and Spain YPN members, motivating membership. Delivering opportunities for professional development. Increase presentation and moderation skills.</i></p>
	<p>Description</p> <p>Study of the hydraulic jump and its application in stilling basins through physical and numerical modeling. On this occasion, Juan Francisco Macián Pérez, Civil Engineer by the Universitat Politècnica de València (UPV), Master in Environmental Water Management by Cranfield University (UK) and PhD by the PhD program in Water and Environmental Engineering of the UPV; will talk about the study of the hydraulic headroom and its application in stilling basins through physical and numerical modeling. Can there be a better plan for Thursday afternoon? We are waiting for you!</p>


Activity

<p>Picture/s</p> 	<p>Name of the activity</p> <p>Numerical modelling of mud and debris flows and their importance in risk assessment.</p> <p>Dates</p> <p>29 April 2021</p> <p>Objectives</p> <p><i>Promotion Spain YPN and Spain YPN members, motivating membership. Delivering opportunities for professional development. Increase presentation and moderation skills.</i></p> <p>Description</p> <p>On this occasion, Juan Francisco Macián Pérez, Civil Engineer M.Sc., researcher of the project Guías de Espeleología y Montaña - Universidad Politécnica de Madrid (UPM). General Manager of the consulting company Wasser World Latin America Ltd., with experience in the management and development of projects with numerical modeling of surface flows, floods, rapid mass movements and design of structural mitigation measures; he will talk about the numerical modeling of mud and debris flows and its importance in risk assessment. On this occasion, Julio Montenegro Gambini, Civil Engineer M.Sc., researcher of the project Guías de Espeleología y Montaña - Universidad Complutense de Madrid (UCM). General Manager of the consulting company Wasser World Latin America Ltd., with experience in the management and development of projects with numerical modeling of surface flows, floods, rapid mass movements and design of structural mitigation measures, will talk about the numerical modeling of mud and debris flows and their importance in risk assessment. You can not miss it, register now!</p>
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Activity

<p>Picture/s</p> 	<p>Name of the activity</p> <p>A comprehensive assessment framework for quantifying climatic and anthropogenic activities: a case study of a semi-arid region, North China basin</p> <p>Dates</p> <p>27 May 2021</p> <p>Objectives</p> <p><i>Promotion Spain YPN and Spain YPN members, motivating membership. Delivering opportunities for professional development. Increase presentation and moderation skills.</i></p> <p>Description</p> <p>In this 7th IAHR Spain Young Professionals Network webinar, Ruben Gebdang Biangbalbe (University of Dschang) will give us, in English, an international lecture accompanied by a real case study in China.</p>
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Activity 6

<p>Picture/s</p> 	<p>Name of the activity</p> <p>Some hydraulics on the Aznalcóllar disaster</p> <p>Dates</p> <p>30 September 2021</p> <p>Objectives</p> <p><i>Promotion Spain YPN and Spain YPN members, motivating membership. Delivering opportunities for professional development. Increase presentation and moderation skills.</i></p> <p>Description</p> <p>In this eighth webinar conducted by IAHR Spain YPN, Marcos Sanz Ramos, Civil Engineer by the Polytechnic University of Catalonia with experience in the fields of hydrology, hydraulics and GIS. He currently develops his activity as a research support technician at the Flumen Institute, he is a developer of the Iber program and, since October 2018, he is doing his PhD studies in numerical modeling of non-Newtonian fluids; he will talk about the disaster.</p>
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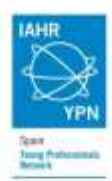
Activity 7

<p>Picture/s</p> 	<p>Name of the activity Nature-based solutions for coastal protection: numerical and experimental analysis</p> <p>Dates 28 October 2021</p> <p>Objectives <i>Promotion Spain YPN and Spain YPN members, motivating membership. Delivering opportunities for professional development. Increase presentation and moderation skills.</i></p> <p>Description On this occasion, María Maza, Assistant Professor at the University of Cantabria (UC) and researcher at the Institute of Environmental Hydraulics of Cantabria (IHCantabria) will talk about Nature-based solutions for coastal protection: numerical and experimental analysis.</p>
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Activity 8

<p>Picture/s</p> 	<p>Name of the activity Pumps operating as turbines (PATs) in pressurized networks, an answer to sustainable energy efficiency: methodology, optimization and case study application.</p> <p>Dates 26 November 2021</p> <p>Objectives <i>Promotion Spain YPN and Spain YPN members, motivating membership. Delivering opportunities for professional development. Increase presentation and moderation skills.</i></p> <p>Description In this tenth Webinar, Carlos Andrés Macías Ávila, Department of Hydraulic Engineering and Environment, Universitat Politècnica de València will talk about Pumps operating as turbines (PATs) in pressurized networks, an answer to sustainable energy efficiency: methodology, optimization and application to case study.</p>
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Activity 9

<p>Picture/s</p>  	Name of the activity
	IAHR Spain YPN general meeting
	Dates
	27 September 2021
	Objectives
	<i>Coordinating and planning of YPN activities.</i>
	Description
	General meeting of the IAHR Spain YPN (Online) to coordinate YPN activities and plan future strategy. Open to all YPN members


Activity 10

<p>Picture/s</p> 	Name of the activity
	IAHR Spain YPN coordination meeting
	Dates
	15 December 2021
	Objectives
	<i>Coordinating YPN activities.</i>
	Description
	Meeting of the IAHR Spain YPN (Online) to coordinate current YPN activities. Open to all YPN members


Activity 11

<p>Picture/s</p> 	Name of the activity
	IAHR Spain YPN introduction video
	Dates
	21 October 2021
	Objectives
	<i>Promote membership.</i>
	Description
	New video and collage introducing IAHR Spain YPN made with the collaboration and materials of the YPN members.

Activity 12

<p>Picture/s</p> 	<p>Name of the activity</p> <p>Eawag PhD seminar: Networking</p>
	<p>Dates</p> <p>4 November 2021</p>
	<p>Objectives</p> <p>Create partnerships and promote the creation of new IAHR YPN.</p>
	<p>Description</p> <p>Presentation of the SpainYPN activities within the IAHR framework at the Swiss Aquatic Institute: Eawag.</p>

Activity 13

<p>Picture/s</p> 	<p>Name of the activity</p> <p>Collaboration in school visits to the hydraulics laboratory of CITEEC (A Coruña)</p>
	<p>Dates</p> <p>January-December 2021</p>
	<p>Objectives</p> <p>Scientific dissemination</p>
	<p>Description</p> <p>YPN members often collaborate in the visits of schools to the CITEEC laboratory at the University of A Coruña.</p>

Have you organised any activities to promote membership? If yes, please include them

Activities from 1 to 8 and 11.

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
GEAMA (UDC)	<ul style="list-style-type: none"> - Sharing a PhD student job offer (26/10/2021) - Promotion of Co-UDlabs project (www.co-udlabs.eu)
Departamento ingeniería civil UDC	- Promotion of event "A IMPLICACIÓN CIDADÁ NA RESTAURACIÓN DE RÍOS URBANOS 25 Oct 2021. Online." between Spain YPN members
Spain YWP	Sharing job offer for LEQUIA group (Universidad de Girona)

Collaboration with other YPNs

YPN name	Description of collaboration
Revista Hidrolatinoamericana YPN	Collaboration as associate editors and reviewers
Latin-American YPNs	WhatsApp group to disseminate activities
Scandinavian YPN	Informal meeting before the constitution of the YPN to provide some advice on how to initiate a YPN
Scandinavian YPN	Promotion of event "Career Flow: stories and perspectives for water young professionals 26 May 2021. Online." between Spain YPN members
IAHR YPN CHILE	Promotion of event "Charlas técnicas" 9 November 2021. Online." between Spain YPN members

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

The activities already organized by the IAHR Spain YPN, specifically the Spain YPN webinars, are closely related with the four pillars stated at the IAHR Strategic Plan by consolidating a young professional network at national level, providing a useful communication with other international YPN towards future collaborations between IAHR young members. In addition, big efforts are being made into dissemination of the projects and works developed by Spain YPN members, amplifying the collective knowledge of the global Hydro-Environment community.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

The objectives of Spain YPN contribute to the IAHR YPN high-level aims. A sense of network is established, and the participation and collaboration of the members is encouraged by sharing experiences within webinars that are being organizing. In addition, collaboration with other YPNs is encouraged by participating in their initiatives with working groups. In addition, we actively participate in and promote through our social media events organized by the IAHR such as seminars, symposiums, workshops and congress (most recently the 2st Young Professionals Congress, the 'Revista Hidrolatinoamericana de Jóvenes Investigadores y Profesionales', and the next world congress that will be organized in Granada, Spain)

IAHR Tianjin University Young Professionals Network

2021 Annual Report of Activities



IAHR Tianjin University Young Professionals Network

2021 Annual Report of Activities

1. Introduction

IAHR Tianjin University Student Branch was established in 2011. It is a platform for academic exchanges among postgraduates majoring in hydraulic engineering and one of the important channels for the integration of hydraulic engineering of Tianjin University with international exchanges. Branch activities are divided into internal communication and intercollegiate interactions. Internal communication mainly include new and old member exchange meetings, scientific and technological writing exchange meetings, special reports of domestic and foreign experts, and doctoral forum of IAHR Tianjin University Student Branch. Intercollegiate interactions mainly include hydraulics and hydraulic informatics conference, Tsinghua University doctoral academic forum, IAHR China branch executive committee meeting, IAHR Chinese Academy of hydraulic Sciences student branch meeting and general assembly, and international hydraulic conference.

2. 2021 main goal and key objectives

The first IAHR Doctoral Forum of Tianjin university student branch can be successfully held.

3. Composition

Officers

President

Wenhui Yan	
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Vice President

Yutong Liu	Ya Gao
Yanan Qiao	Siyu Chen

Advisor

Professor Jijian Lian	Professor Xueping Gao
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[Please add as many officers as needed]

List of members

2021 Annual Report of Activities

Name	Surname	Country	Membership category (student or professional affiliate)

[Please add as many lines as needed]

4. Communications

[Website and social networks]

Website	
Facebook	
Twitter	
Instagram	
Linkedin	
Other	

[Promotional and information materials]

Newsletter/s	
Publication/s	
Other	

5. Activities

[Activities organised in 2021] [Please also attach pictures a separate .JPG files]

Activity 1

Picture/s Upcoming	Name of the activity Doctoral academic forum of IAHR Tianjin University
	Dates 2022.4
	Objectives The purpose of this forum is to broaden the knowledge field of postgraduates, improve

2021 Annual Report of Activities

	their scientific research and innovation ability, promote interdisciplinary integration, and strengthen learning exchange, communication and cooperation between brother universities through academic exchange activities.
	<p>Description</p> <p>The doctoral academic forum is co sponsored by the student branch of Tianjin University of international society of Environmental Engineering (IAHR) and the State Key Laboratory of hydraulic engineering simulation and safety of Tianjin University. It is for doctoral students from all brother universities and scientific research institutions of IAHR. Students from IAHR student branch units and relevant colleges and universities were invited to participate in this forum. The forum will be held from April 15 to 16, 2022.</p>

Activity 2

Picture/s	Name of the activity
	Dates
	Objectives (<i>e.g. Delivering opportunities for professional development, raising awareness about water issues, motivating membership, etc.</i>)
	Description

Activity 3

Picture/s	Name of the activity
	Dates

2021 Annual Report of Activities

	Objectives (<i>e.g. Delivering opportunities for professional development, raising awareness about water issues, motivating membership, etc.</i>)
	Description

[Please add as many activities as needed.]

Have you organised any activities to promote membership? If yes, please include them

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership

Collaboration with other YPNs

YPN name	Description of collaboration

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

The purpose of doctoral academic forum of IAHR Tianjin University is to broaden the knowledge field of postgraduates, improve their scientific research and innovation ability, promote interdisciplinary integration, and strengthen learning exchange, communication and cooperation between brother universities through academic exchange activities.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

We actively build an academic exchange platform to disseminate knowledge and innovative ideas.

IAHR Tsinghua University Young Professionals Network

2021 Annual Report of Activities



IAHR Tsinghua University Young Professionals Network

2021 Annual Report of Activities

1. Introduction

Tsinghua YPN was established in 2015 and is an organisation of students and young professors working in fields related to hydro-environmental sciences from Tsinghua University. Our goal is to provide a platform for members to communicate with other researchers worldwide.

2. 2021 main goal and key objectives

Affected by the COVID-19 pandemic, the main goal of Tsinghua YPN is to provide a variety of online communication opportunities for members, and carry out offline activities under appropriate conditions.

3. Composition

Officers

President

Kehan Huang	
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Vice President

Yaqi Luo	
----------	--

Advisor

Prof. Wang Zhaoyin	Prof. Xu Mengzhen
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[Please add as many officers as needed]

List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Hongbo	Ma	China	PRO
Yaling	Chen	China	PRO
Liqun	Lv	China	PRO
Chendi	Zhang	China	PRO
Lei	Huang	China	PRO

Yuyang	Wu	China	PRO
Hai	Shi	China	PRO
Huabin	Shi	China	PRO
Xiaomeng	Shi	China	PRO
Yicheng	Gong	China	PRO
Huifeng	Yu	China	PRO
Man	Zhang	China	PRO
Rui	Wang	China	PRO
Xiongdong	Zhou	China	PRO
Taihua	Wang	China	STU
Jiabiao	Wang	China	STU
Qi	Huang	China	STU
Cunguang	Wang	China	STU
Wenting	Yang	China	STU
Richun	You	China	STU
Weiwei	Lu	China	STU
Zhongying	Han	China	STU
Hanjiang	Nie	China	STU
Binbin	Lin	China	STU
Zhilei	Yu	China	STU
Chunyang	Cui	China	STU
Shuai	Cao	China	STU
Jun	Ao	China	STU
He	Wang	China	STU
Shengchao	Wu	China	STU
Zhenghao	Guo	China	STU
Zhijie	Duan	China	STU
Yiying	Zhao	China	STU
Xueqian	Qu	China	STU
Ying	Zhang	China	STU
Pengfei	Han	China	STU
Junping	Zheng	China	STU
Yunhong	Wang	China	STU
Shu	Zhang	China	STU
Junjun	Huo	China	STU
Liyang	Guo	China	STU
Xingyu	Chen	China	STU
Meng	Li	China	STU
Yiyang	Dong	China	STU
Huidong	Su	China	STU
Qin	Yang	China	STU

Zhenyu	Lv	China	STU
Jing	Yang	China	STU
Kun	Yang	China	STU
Zhihua	Liu	China	STU
Haohao	Guo	China	STU
Yicheng	Wang	China	STU
La	Yan	China	STU
Zhibo	He	China	STU
Zhengwen	Li	China	STU
Xin	Li	China	STU
Yinglin	Mu	China	STU
Hexiao	Huang	China	STU
Kaili	Sun	China	STU
Mingwei	Dou	China	STU
Guanghui	Wang	China	STU
Guangyu	Liu	China	STU
Wei	Huang	China	STU
Jingchi	Yu	China	STU
Yiting	Zhao	China	STU
Xiangtao	Zhang	China	STU
Lei	Zhang	China	STU
Zaizhan	An	China	STU
Zhili	Tang	China	STU
Yanchong	Duan	China	STU
Guanghui	Ming	China	STU
Pengfei	Si	China	STU
Fanyi	Zhang	China	STU
Guoqiang	Tang	China	STU
Man	Zhang	China	STU
Yang	Su	China	STU
Mingxi	Zhang	China	STU
Changcheng	Pan	China	STU
Wei	Qin	China	STU
Shibo	Guo	China	STU
Huali	Li	China	STU
Weimin	Wang	China	STU
Jin	Huang	China	STU
Xiaocui	Li	China	STU
Heyang	Wan	China	STU
Ying	Suo	China	STU
Yi	Nan	China	STU

Wenxin	Li	China	STU
Zheng	Gong	China	STU
Qiangqiang	Wei	China	STU
Chi	Liu	China	STU
Liu	Yang	China	STU
Haojie	Zhou	China	STU
Xuejian	Cao	China	STU
Xiangchao	Wang	China	STU
Ruijie	Shi	China	STU
Shuyu	Yang	China	STU
Haoyang	Peng	China	STU
Zhengdong	Yu	China	STU
Wencong	Yang	China	STU
Bo	Gai	China	STU
Wenju	Liu	China	STU
Changming	Li	China	STU
Siyu	Zhu	China	STU
Qi	Zhang	China	STU
Shuai	Gao	China	STU
Zhi	Li	China	STU
Kai	Han	China	STU
Biao	He	China	STU
Xue	Zhang	China	STU
Zhuogen	Chen	China	STU
Shuai	Lv	China	STU
Mingyang	Zhang	China	STU
Yanling	Kang	China	STU
Hao	Li	China	STU
Fengren	Yan	China	STU
Xing	Liu	China	STU
Zeyu	Ning	China	STU
Minze	Zhou	China	STU
Yuan	Zhuang	China	STU
Fan	Wang	China	STU
Yao	Jia	China	STU
Yuan	Xu	China	STU
Lei	Shi	China	STU
Yuanzhong	Yin	China	STU
Dongchen	Zhang	China	STU
Saide	Zhu	China	STU
Peng	Jin	China	STU

Qingzhen	Zhang	China	STU
Anjia	Jiao	China	STU
Luo	Sun	China	STU
Wei	Liu	China	STU
Lujie	Han	China	STU
Xinyue	Su	China	STU
Shiliu	Chen	China	STU
Jialong	He	China	STU
Tong	Zhu	China	STU
Hongliu	Jin	China	STU
Shijun	Li	China	STU
Dantong	Lin	China	STU
Qianhui	Liu	China	STU
Zhankui	Liu	China	STU
Hexin	Liu	China	STU
Yunyi	Li	China	STU
Hao	Wang	China	STU
Ling	Zhan	China	STU
Zhi	Xu	China	STU
Wenhai	Zhang	China	STU
Yilu	Li	China	STU
Aiyun	Jin	China	STU
Jingbin	Zhang	China	STU
Xu	Lin	China	STU
Zhaolong	Ma	China	STU
Yin	Yin	China	STU
Chen	Chen	China	STU
Xu	Han	China	STU
Tengfei	Wang	China	STU
Wenxin	Shen	China	STU
Bingqing	Xia	China	STU
Qi	Wen	China	STU
Qinghua	Liao	China	STU
Changjie	Lin	China	STU
Yuhan	Wang	China	STU
Dongnan	Li	China	STU
Bei	Huang	China	STU
Lexin	Zhang	China	STU
Yuntian	Song	China	STU
Xinlu	Lin	China	STU
Sihan	Zhao	China	STU

YanJun	Wang	China	STU
Chaonan	Song	China	STU
Zhengxiang	Mi	China	STU
Haojie	Lai	China	STU
Wang	Fu	China	STU
Daning	Zhong	China	STU
Fushan	Wang	China	STU
Hengjie	Shen	China	STU
Wenjun	Lu	China	STU
Long	Xue	China	STU
Honglin	Lin	China	STU
Yuanhui	Yu	China	STU
Junyu	Wei	China	STU
Hongwu	Pan	China	STU
Yifan	Zhang	China	STU
Peng	Yu	China	STU
Jianting	Du	China	STU
Lin	Zhang	China	STU
Wei	Sun	China	STU
Yaliang	Wang	China	STU
Qianqian	Hu	China	STU
Wen	Zhong	China	STU
Guanheng	Zheng	China	STU
Shouguang	Wang	China	STU
Zhuofu	Tao	China	STU
Yu	Zhang	China	STU
Chang	Liu	China	STU
Tao	Wu	China	STU
Qiu hao	Du	China	STU
Yong	Han	China	STU
Qifeng	Gao	China	STU
Jiarong	Shen	China	STU
Yeqiang	Wen	China	STU
Guangyu	Jiang	China	STU
Zixiong	Zhang	China	STU
Rongron	Cai	China	STU
Yu	Zhang	China	STU
Xiao	Chen	China	STU
Ruoyin	Zhang	China	STU
Kaiyue	Shan	China	STU
Xin	Zeng	China	STU

Zuguang	Liu	China	STU
Yu	Ma	China	STU
Qining	Shen	China	STU
Xiaowen	Lei	China	STU
Mingyang	Sheng	China	STU
Shuai	Xie	China	STU
Shuyue	Wu	China	STU
Bohao	Wang	China	STU
Yang	Wang	China	STU
Xiaolin	Guo	China	STU
Nan	An	China	STU
Hongxin	Sun	China	STU
Liekai	Cao	China	STU
Jiaye	Li	China	STU
Zheshu	Wu	China	STU
Liqiao	Lu	China	STU
Yuan	Yang	China	STU
Fakai	Lei	China	STU
Jinjun	Zhou	China	STU
Jingyan	Han	China	STU
Chuang	Zhou	China	STU
Tao	Wu	China	STU
Hejia	Wang	China	STU
Jiadi	Li	China	STU
Kehan	Huang	China	STU
Yaqi	Luo	China	STU
Xiguo	Zhang	China	STU
Yao	Yang	China	STU
Chenyang	Wang	China	STU
Chubin	Weng	China	STU
Xiaoli	Li	China	STU

[Please add as many lines as needed]

4. Communications

[Website and social networks]

Website	https://www.iahr.org/index/committe/48
Facebook	
Twitter	

Instagram	
Linkedin	
Other	

[Promotional and information materials]

Newsletter/s	https://mp.weixin.qq.com/s/MX2OSJl2v1mMZxag6J-Wvw
Publication/s	
Other	

5. Activities

[Activities organised in 2021] [Please also attach pictures a separate .JPG files]

Activity 1

	Name of the activity IAHR Tsinghua YPN Open Seminar
	Dates 2021-3-26
	<i>Delivering opportunities for professional development</i>
	<p>Description</p> <p>On March 26, 2021, Professor Lee Hun-wei, president of IAHR, was invited to attend the symposium organized by Tsinghua YPN. At the meeting, five YPN members, An Chenge, Gong Zheng, Li Minhui, Lei Fakai and Zhang Chendi, made a brief report on their recent scientific research achievements, covering sediment movement, numerical simulation of water flow, river network morphology, fish ecology and so on. Professor Lee presented his own views on the students' reports and carried out a heated discussion with the students.</p>

Activity 2

 	<p>Name of the activity Vertical AI - An Integrated Human-AI-Robot Symbiotic Solution for Smart and Resilient Cities</p> <p>Dates 2021-9-17</p> <p>Objectives <i>Advances in hydrosience</i></p> <p>Description In this talk, the recent research development and innovations from the Data-Enabled Scalable Research (DESR) Laboratory of the HKUST was presented to showcase the effectiveness of harnessing the Vertical AI, an integrated solution from sensor design/deployment, data gathering, big-data infrastructure, AI-enabled big data analytics, to the semantic integration for a holistic decision making, to spearhead the development of smart and resilient cities.</p>
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Activity 3

	<p>Name of the activity 3rd Symposium on Research Frontiers in Water Sciences and the 2021 Annual Meeting of IAHR China Chapter</p> <p>Dates 2021-11-18</p> <p><i>Raising awareness about water issues</i></p> <p>Description Eight well-known experts, including Academician Wang Hao, Academician Xia Jun, Professor Zhang Jinliang, et al., conducted frontier exchanges and discussions on the theme of "water resources and ecology" and "water disasters and security" .</p>
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Activity 4

	Name of the activity Symposium on River sediment and Geomorphology
	Dates 2021-10-23
	<i>Advances in hydrosience</i>
	Description The advisor of Tsinghua YPN, Prof. Wang Zhaoyin was invited to host the symposium, which was related to the research progress of different experts from Tsinghua University, Chinese Academy of Water Sciences, Beijing Normal University, etc.

Activity 5

	Name of the activity Party of Research Group
	Dates 2021-9-20
	<i>Motivating membership</i>
	Description The members were invited by Prof. Wang Zhaoyin, advisor of Tsinghua YPN, to a festive feast.

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership

Collaboration with other YPNs

YPN name	Description of collaboration

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

We have organized many activities and shared the IAHR lecture information in 2021. We believe our activities provided a world class international networking platform and great member experience and also inspired, disseminated and catalysed state-of-the-art knowledge and thinking. Specially, the IAHR Tsinghua YPN Open Seminar in 2021-3-26 was of great significance, which was the first time that the IAHR president attended YPN activity.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

We have provided a platform for members to communicate with other researchers worldwide. We publicized the role of YPN to Tsinghua University through the open seminar in 3-26, and actively recruited new members to join in.

IAHR UTEC Water and Environmental Research Young Professionals Network

2021 Annual Report of Activities



UTEC Water and
Environmental Research
**Young
Professionals
Network**

IAHR UTEC Water and Environmental Research Young Professionals Network

2021 Annual Report of Activities

1. Introduction

IAHR UTEC Water and Environmental Research YPN was born in 2018 with the goal to channel the interests of students and young professionals in environmental issues, through academic and recreational activities, as well as research projects. The YPN chapter started out with 20 members, all of them from an undergraduate program at UTEC, mainly from the environmental engineering department. Nowadays, the members are from different undergraduate engineering programs and are more involved in the direction and organization of the YPN, sharing the same interests and knowledge from one peer to another. The organization is divided into 4 subdivisions: Research, Academic Activities and Sustainability, Social Activities and Citizen Science.

2. 2021 main goal and key objectives

The main objective for the 2021 period was to achieve an effective adaptation of our face-to-face activities and meetings, to a digital format, giving emphasis to online academic activities and social media publications. Other important goals were to identify and establish an active schedule to ensure the continuity of academic and recreational activities, to increase the number of active members of the organization and prepare the actual members for the directive translation in 2021, and to develop activities in conjunction with other YPNs in Peru and Latin America. Also, the development of an area within the organization related to social responsibility and citizen science was an important objective.

3. Composition

Officers

President

Mariana Macarachvili Doig



Vice President

Marco Cordova Puglianini		
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Academic Activities Coordinator

Alejandra Lopez Ponte		
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Internal Relationships Coordinator

Joaquin Espinoza		
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Advisor

Daniel Horna Muñoz		
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List of members

2021 Annual Report of Activities

Name	Surname	Country	Membership category (student or professional affiliate)
Mariana	Macarachvili	Perú	Active Membership /Directive Student
Marco	Cordova	Perú	Active Membership /Directive Student
Joaquín	Espinoza	Perú	Active Membership /Directive Student
Alejandra	López	Perú	Active Membership /Directive Student
Daniel	Horna	Perú	Active Membership /Advisor (Professional)
María	García	Perú	Active Membership /Support Student
Chiara	Manassero	Perú	Active Membership /Support Student
Camila	Timaná	Perú	Active Membership /Support Student
Rodrigo	Cuya	Perú	Active Membership /Support Student
Ariana	Sotelo	Perú	Active Membership /Support Student
Adriana	Marchan	Perú	Active Membership /Support Student
Claudia	Estrada	Perú	Active Membership /Support Student
Marian	Poblete	Perú	Active Membership /Support Student
Nathaly	Dongo	Perú	Active Membership /Support Student
Noemi	Miguel	Perú	Active Membership /Support Student
Sergio	Plasencia	Perú	Active Membership /Support Student
Tamarah	Acevedo	Perú	Active Membership /Support Student

4. Communications


Website	https://www.iahr.org/index/committe/76
Facebook	https://www.facebook.com/werypn
Twitter	None
Instagram	https://www.instagram.com/werypnutec/
Linkedin	None
Other	https://www.tiktok.com/@wer_ypnutec

Newsletter/s	None
Publication/s	None
Other	Diverse Information Posts available on Instagram <ul style="list-style-type: none"> - Children Sustainable Workshop - 2021 Environment and Presidential candidates (13) - International Day of Women and Girls in Science - Forest Fires - International Women Day - World Water Day - Earth Day - Soil Pollution and Edaphology - Fundraising WER Anniversary Event - Environmental Engineering Q&A


	<ul style="list-style-type: none"> - World Environment Day CITA Webinar - R for Hydrology Introductory Workshop - National Tree Day - 2021 WER-YPN Team presentation - World Day of Migratory Birds - Mercury Pollution Action Day - OpenFOAM for Hydraulic Design Webinar - Reaching A New World With Synthetic Biology
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5. Activities


Activity 1

	Children Sustainable Workshop
	January
	<p>Objectives</p> <p>To reinforce and to generate interest in the little ones for the environment and water resources caring</p>
	<p>Description</p> <p>The program is focused on boys and girls between 8 and 12 years old from the Barranco district located in Lima, Peru</p> <p>Each week there a theory and a practice module (experiments at home) were provided to complete a dynamic learning.</p>


Activity 2

	2021 Environment and Peruvian Presidential Candidates
	From February to March
	Objectives To present a candidate's environmental proposals
	Description 13 Candidate's environmental proposals were published through instagram weekly posts. The information presented was not for political or promotional purposes for any of the aforementioned parties.


Activity 3

	Fundraising WER Anniversary Event
	May 8th
	Objectives Raise funds for future intern research projects
	Description People from our campus, outsiders and relatives will buy tickets so they can participate in winning prizes. Therefore, they are contributing to our cause.

Activity 4

	Questions and Answers about the Environmental Engineering career at UTEC
	31st May
	Objectives Motivating membership for new environmental engineer students.
	Description All WER YPN members respond to questions about the career, the organization and professional development from new undergraduate students.


Activity 5

	World Environment Day CITA Webinar
	June 3rd
	Objectives To celebrate World Environment Day
	Description Projects were presented as part of the work that has been carried out related to the preservation of different peruvian ecosystems

Activity 6

	<p>R for Hydrology Introductory Workshop</p> <p>September 2nd & 3rd</p> <p>Objectives To teach fundamental concepts of hydrological modelling in engineering and hydrology</p> <p>Description RStudio platform was employed to run hydrological models and its implications in engineering and hydrology</p>
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Activity 7

	<p>OpenFOAM for Hydraulic Design Webinar</p> <p>November 14th</p> <p>Objectives To design hydraulic works using a free software</p> <p>Description OpenFoam platform was employed to test different variables to design hydraulic works</p>
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6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
RUA UTEC	Development of academic activities related to presidential candidates proposals
BIOUTEC	Development of a post about synthetic biology to raise funds to participate in iGem Design League.
CITA- Centro de Investigación y Tecnología del Agua	Both organisations planned the fifth activity of the year. The presentation had five speakers that work at CITA and a moderator with the aim to present projects related to the World Environment Day

Collaboration with other YPNs

In 2021 an alliance has been formulated with the vast majority of the YPNs (Mentioned below) at a national level. Two activities were organized by this alliance, one of them was a conference that lasted three days aiming to inform the public about Glaciers and Climate Change.

YPN name	Description of collaboration
IAHR Universidad Nacional Agraria La Molina CIDRHI Young Professionals Network	Organization, diffusion, and presentation of the activity: R for Hydrology Introductory Workshop. One of the expositors of the activity was proposed by the organization (IAHR UTEC WER YPN). Members of the organization participated in the activity
IAHR Peru Young Professionals Network	Organization, diffusion, and presentation of the activity: OpenFOAM for Hydraulic Design Webinar. Members of the organization participated as moderators by giving introductions and conclusions

7. Contributing to the strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

Water and Environmental Research YPN is committed to amplifying the collective knowledge of the global Hydro-Environment community in other students, professionals and population in general with the online webinars about important issues that happen in Peru in terms of water systems and environment. In addition, the organization is interested in inspiring and disseminating knowledge to everyone who wants to listen, as an example we aim to educate children in water resources with the new Citizen Science division. For the organization it is very important to give a great member experience and develop a network with other YPNs in Peru

for organizing events and networking with new professionals in the field of water management and environment.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

The YPN is committed to networking and sharing experiences from our members, collaborates and pairs with neighboring YPNs, and receives training and opportunities for mentoring from other professionals. And most importantly, to communicate all the knowledge and information to others for raising awareness and motivating them in research and sustainability.

IAHR Venezuela Young Professionals Network

2021 Annual Report of Activities



Venezuela
**Young
Professionals
Network**

IAHR Venezuela Young Professionals Network

2021 Annual Report of Activities

1. Introduction

Officially created the May 6, 2019, the YPN Venezuela is composed by 10 members (10 young professionals and 3 student) all professionals in the hydro-environment engineering sector. Due to complex conditions in our home country, some of us are currently living in different regions of the world (Argentina, Ecuador, France, Peru, Sweden and Venezuela). **This particularity of our YPN makes it an innovative initiative that seeks to adapt to today's challenges and enables us to strengthen our links as young Venezuelan professionals living around the world.** The creation of the YPN Venezuela is a great opportunity for us to stay connected to the hydro-environment sector worldwide and also provides us with many advantages to continue our professional development. All the members of the YPN Venezuela are honored to be a part of the IAHR and are look forward to contribute to the development of the IAHR YPN community.

2. Main goal and key objectives for 2021

Continuation of the monthly webinar "Conversaciones Fluidas"

3. Composition

Officers

President

Christopher	Mendoza
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Vice President

Dayana	Pita
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Advisor

Arturo	Marcano
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Secretary

Luis	Romero
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Treasurer

Karol	Sánchez
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Public relations delegate

Ingrid	Silva
Communication Delegate	

Carlos	Parra
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List of members

Name	Surname	Country	Currently living
Verónica	León	Venezuela	France
Christopher	Mendoza	Venezuela	Venezuela
Dayana	Pita	Venezuela	Argentina
Celso	Castro Bolinaga	Venezuela	USA
Karol	Sánchez	Venezuela	Argentina
Ingrid	Silva	Venezuela	Sweden
Luis	Romero	Venezuela	Argentina
Gabriely	Silva	Venezuela	Venezuela
Carlos	Parra	Venezuela	Venezuela
Robiro	Lobo	Venezuela	Argentina

Richard Sánchez Venezuelan Civil engineer, currently living in Chile and IAHR member works with the YPN.

Augusto Zapata Venezuelan Civil engineer, currently living in Venezuela and IAHR member works with the YPN.

4. Communications


[Website and social networks]

Website	https://www.iahr.org/index/committe/77
Facebook	-
Twitter	@YPNVenezuela
Instagram	@ypnvenezuela
LinkedIn	https://www.linkedin.com/company/iahr-ypn-venezuela
YouTube channel	https://www.youtube.com/channel/UC3r7l98XZCecdA_1smVjr_Q


5. Activities

[Activities organised in 2021]

Activity n°1

	<p>"Conversaciones Fluidas 5"</p> <p>February 2st, 2021</p> <p>"Fluid Conversations" is an entertaining space of relevant technical information, aimed at students, professionals, academics and the public related to the water sector. It is broadcasted every first tuesday of the month and it consists on an interactive Webinar focused on diverse topics involving national and international professionals in the area.</p> <p>Prof. Mauro Nalesso "Suport Center HYDROBID"</p>
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Activity n°2

	<p>"Conversaciones Fluidas 6"</p> <p>March 2st, 2021</p> <p>"Fluid Conversations" is an entertaining space of relevant technical information, aimed at students, professionals, academics and the public related to the water sector. It is broadcasted every first tuesday of the month and it consists on an interactive Webinar focused on diverse topics involving national and international professionals in the area.</p> <p>Prof. David Gonzalez "Dam safety - Living with the risk of breakage"</p>
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Activity n°3

	<p>"Conversaciones Fluidas 7"</p> <p>April 6st, 2021</p> <p>"Fluid Conversations" is an entertaining space of relevant technical information, aimed at students, professionals, academics and the public related to the water sector. It is broadcasted every first tuesday of the month and it consists on an interactive Webinar focused on diverse topics involving national and international professionals in the area.</p> <p>Prof. José Luis Lopez "Performance of control works built in Vargas state"</p>
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Activity n°4

	<p>"Conversaciones Fluidas 8"</p> <p>May 4st, 2021</p> <p>"Fluid Conversations" is an entertaining space of relevant technical information, aimed at students, professionals, academics and the public related to the water sector. It is broadcasted every first tuesday of the month and it consists on an interactive Webinar focused on diverse topics involving national and international professionals in the area.</p> <p>Prof. Juan Bautista Font "Maracaibo Estuary. tidal flow hydraulics and rod morphodynamics"</p>
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Activity n°5

	<p>"Conversaciones Fluidas 9"</p> <p>June 1st, 2021</p> <p>"Fluid Conversations" is an entertaining space of relevant technical information, aimed at students, professionals, academics and the public related to the water sector. It is broadcasted every first tuesday of the month and it consists on an interactive Webinar focused on diverse topics involving national and international professionals in the area.</p> <p>Prof. Mario Mengual " Rake dams"</p>
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Activity n°6

	<p>"Conversaciones Fluidas 10"</p> <p>July 6st, 2021</p> <p>"Fluid Conversations" is an entertaining space of relevant technical information, aimed at students, professionals, academics and the public related to the water sector. It is broadcasted every first tuesday of the month and it consists on an interactive Webinar focused on diverse topics involving national and international professionals in the area.</p> <p>Prof. José Ignacio Sanabria "Some hydraulic fluvial aspects"</p>
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Activity n°7

	<p>"Conversaciones Fluidas 11"</p> <p>August 3st, 2021</p> <p>"Fluid Conversations" is an entertaining space of relevant technical information, aimed at students, professionals, academics and the public related to the water sector. It is broadcasted every first tuesday of the month and it consists on an interactive Webinar focused on diverse topics involving national and international professionals in the area.</p> <p>Prof. José de Viana</p> <p>"The engines of the TUY III: system a history with lessons"</p>
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Activity n°8

	<p>"Conversaciones Fluidas 12"</p> <p>September 7st, 2021</p> <p>"Fluid Conversations" is an entertaining space of relevant technical information, aimed at students, professionals, academics and the public related to the water sector. It is broadcasted every first tuesday of the month and it consists on an interactive Webinar focused on diverse topics involving national and international professionals in the area.</p> <p>Ing. Adalberto Gabaldón</p> <p>"Hydraulic engineering in the environmental management of Venezuela "</p>
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Activity n° 9

	<p>"Participation in the 60° SVIH Anniversary"</p>
<p>October 20th, 2021</p>	<p>Presentation of the YPN Venezuela on the anniversary of the SVIH</p>
<p>Ing. Karol Sanchez Ing. Christopher Mendoza Ing. Dayana Pitta</p>	

Activity n°10

	<p>"Conversaciones Fluidas 13"</p>
<p>November 2st, 2021</p>	<p>"Fluid Conversations" is an entertaining space of relevant technical information, aimed at students, professionals, academics and the public related to the water sector. It is broadcasted every first tuesday of the month and it consists on an interactive Webinar focused on diverse topics involving national and international professionals in the area.</p>
<p>Eng. Manuel Grases "The energy of the Sea, gradually turning a dream into reality"</p>	

Activity n°11

	<p>"Conversaciones Fluidas 14"</p> <p>June 1st, 2021</p> <p>"Fluid Conversations" is an entertaining space of relevant technical information, aimed at students, professionals, academics and the public related to the water sector. It is broadcasted every first tuesday of the month and it consists on an interactive Webinar focused on diverse topics involving national and international professionals in the area.</p> <p>Prof. José Luis Lóol y pez "Baseball and fluid dynamics"</p>
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6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
SIHV	Venezuelan Society of Hydraulic Engineering. Participation in an episode of "Conversaciones Fluidas"

Collaboration with other YPNs

YPN name	Description of collaboration
2° YPN Congress	Panel

7. Contributing to the strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

“Conversaciones fluidas” it is aligned with the following pillars of the strategic plan:

- Inspire, disseminate and catalyse state-of-the-art knowledge and thinking.
- Institute events that set agendas, harness and amplify the collective knowledge of the global Hydro-Environment community.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

Veronica Leon, member and treasurer of the YPN Venezuela, is leading since November 2020 the project “IAHR Women’s Voices” in collaboration with the IAHR task force on Strengthening Gender Equity and the IAHR secretariat in Madrid. Ingrid Silva also from the YPN Venezuela will continue her leadership in this initiative.

The Women’s Voices video series provides the opportunity to IAHR women members to introduce themselves and their background, explain why it is important to them to work in the hydro-environmental field, the challenges they are confronted with, and reflect about specific research topics or actual events such as COVID-19, floods, droughts, the world congress, etc. (<https://iahr.org/index/detail/245>)

Ingrid Silva was nominated as a candidate for Latin America to represent the YPN in the council.



Karol Sánchez has participated as editor in the News Flash Iberoamérica and as moderator in the Water and Gender panel of the Latin American Congress 2021.

IAHR Vienna Young Professionals Network

2021 Annual Report of Activities



IAHR Vienna Young Professionals Network

2021 Annual Report of Activities

1. Introduction

The IAHR Vienna Young Professionals Network consists mainly of students and former students of Civil Engineering and Water Management at the University of Natural Resources and Life Sciences Vienna. Due to the different objectives that many of our members follow during their studies, we also address different topics in our network and try to stay open to new ideas and inputs. Our objective is to stay informed on new developments on research topics and encourage our members to widen their view on the different topics that some of us have gained experience or deeper knowledge in. Also, we want to provide a sort of platform for members to contribute and share their own ideas and inputs.

2. 2021 main goal and key objectives

The main objective for the year 2021 was to connect with other student chapters and young professional networks in the German speaking countries (Austria, Germany and Switzerland). Our experiences from the first year of the COVID-19 pandemic gave us the opportunity to organize one large online event in which we were able to exchange ideas with young professional networks of a total of 7 other water related national and international organizations in addition to IAHR.

3. Composition

Officers

President

Lena	Ferstl
------	--------

Vice President

Florian	Roesch
---------	--------

Advisor

Michael	Tritthart
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List of members

Name	Surname	Country
Ayurzana	Badarch	Mongolia
Benjamin	Täubling	Austria
Christina Anna	Orieschnig	Austria
Christoph	Schmiedl	Austria
Daniel	Wildt	Austria
Doris	Wimmer	Austria

2021 Annual Report of Activities

Florian	Roesch	Austria
Igor	Luketina	Austria
Johannes	Fischer	Austria
Johannes	Schobesberger	Austria
Julia	Sandberger	Austria
Julian	Binder	Austria
Kevin	Merl	Austria
Kevin	Reiterer	Austria
Lena	Ferstl	Austria
Lisa	Schmalfuss	Austria
Maria	Rath	Austria
Patrick	Michna	Austria
Thomas	Gold	Austria
Tobias	Janisch	Austria

4. Communications

Website	https://www.iahr.org/index/committe/60
Facebook	https://www.facebook.com/viennaIAHRYP

5. Activities

Activity 1

<p>Picture/s</p> 	<p>Name of the activity</p> <p>1. D-A-CH-Stammtisch</p>
	<p>Dates</p> <p>30/06/2021, 19:00</p>
	<p>Objectives</p> <p><i>Connecting with other young professional networks of our neighbouring, German speaking countries Austria, Germany and Switzerland</i></p>
	<p>Description</p> <p>Presentation of each of the participating networks (online via goto-meeting) Exchange and networking online via wonder.me</p>

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
Deutsche Vereinigung für Wasserwirtschaft (DWA)	Their young professional network „Junge DWA” is initiator of the D-A-CH Stammtisch
Verband Schweizer Abwasser- und Gewässerschutzfachleute (VSA)	Young members of this organization participated at the D-A-CH Stammtisch
Bund der Ingenieure für Wasserwirtschaft, Abfallwirtschaft und Kulturbau (BWK) – Landesverband NRW	Young members of this organization participated at the D-A-CH Stammtisch
Österreichische Vereinigung für das Gas- und Wasserfach (ÖVGW)	Young members of this organization participated at the D-A-CH Stammtisch
International Water Association (IWA)	Young members of this organization participated at the D-A-CH Stammtisch

Collaboration with other YPNs

YPN name	Description of collaboration
Junge DWA	Initiator and member of the D-A-CH Stammtisch
BWK Junges Forum	Member of the D-A-CH Stammtisch
IWA Young Water Professionals	Member of the D-A-CH Stammtisch
Netzwerk der Wasseringenieurinnen (NeWI)	Member of the D-A-CH Stammtisch

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR’s vision and strategic plan (<https://www.iahr.org/index/detail/101>)

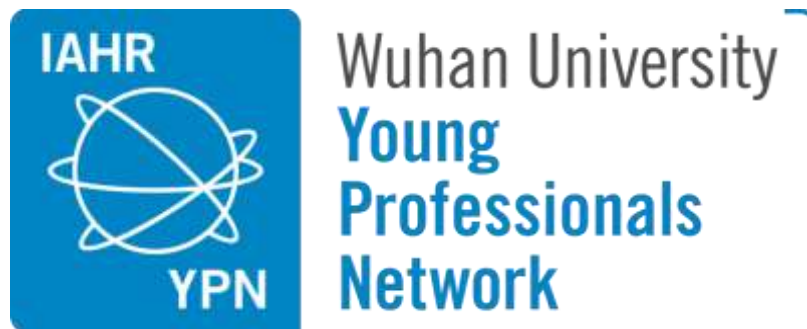
The exchange with other student chapters and young professional networks in water related fields provided us with the possibility to share knowledge and experience with those networks. The D-A-CH Stammtisch not only extended our networking platform, but also contributed to the second pillar of the strategic plan of IAHR to “inspire, disseminate and catalyse state-of-the-art knowledge and thinking”.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

We are continuously inviting new members to our YPN. We promote IAHR events particularly organized for young professionals such as the IAHR YPN congress. We support each other preparing presentations and extended abstracts for the IAHR YPN congress.

IAHR Wuhan University Young Professionals Network

2021 Annual Report of Activities



IAHR Wuhan University Young Professionals Network

2021 Annual Report of Activities

1. Introduction

IAHR Wuhan University YPN was established in 2011 and is an organisation of students and young professors working in fields related to hydro-environmental sciences from Wuhan University. Our goal is to provide a platform for members to communicate with other researchers worldwide. Our slogan is Incentive, Assistance, Horizon, and Responsibility.

2. 2021 main goal and key objectives

Provide a variety of online or face-to-face communication opportunities for our members.

3. Composition

Officers

President

Lingtao Jin	IAHR Wuhan University Young Professionals Network, China
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Vice Presidents

Yifan Huang	IAHR Wuhan University Young Professionals Network, China
Wentong Hu	IAHR Wuhan University Young Professionals Network, China

Advisors

Zhonghua Yang	Professor of Wuhan University, China
Yuhong Zeng	Professor of Wuhan University, China

Executive Members

Feng Yue	IAHR Wuhan University Young Professionals Network, China
Song Zhang	IAHR Wuhan University Young Professionals Network, China
Rui Huang	IAHR Wuhan University Young Professionals Network, China
Jiahe Liu	IAHR Wuhan University Young Professionals Network, China
Xueni Chen	IAHR Wuhan University Young Professionals Network, China
Yang Liu	IAHR Wuhan University Young Professionals Network, China
Mengshuang Wu	IAHR Wuhan University Young Professionals Network, China
Caiqiong Liu	IAHR Wuhan University Young Professionals Network, China
Yajin Han	IAHR Wuhan University Young Professionals Network, China



List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Zhao	Zhou	China	Student
Yali	Huang	China	Student
Qin	Zhang	China	Student
Jianhua	Liu	China	Student
Mengyao	Guo	China	Student
Qian	Chen	China	Student
Shuhui	Guo	China	Student
Yisen	Wang	China	Student
Shuxia	Wang	China	Student
Da	Li	China	Student
Zehao	Li	China	Student
Yalu	Shao	China	Student
Fangtong	Wang	China	Student
Fan	Yang	China	Student
Hanman	Li	China	Student
Zhenyu	Zeng	China	Student
Peijun	Li	China	Student
Jinhan	Chen	China	Student
Shuai	Guo	China	Student
Jiayi	Ouyang	China	Student
Jianan	Qin	China	Student
Yujie	Zeng	China	Student
Anqi	Tan	China	Student
Xianqi	Tang	China	Student
Simeng	Yang	China	Student
Yongsha	Tu	China	Student
Lu	Wang	China	Student
Yonggen	Zhang	China	Student
Chenxing	Zhou	China	Student
Fei	Wang	China	Student
Zheli	Zhu	China	Student
Xiangcheng	Liao	China	Student
Dong	Xie	China	Student
Ruohan	Wang	China	Student
Lele	Deng	China	Student
YaoGuo	Yu	China	Student



2021 Annual Report of Activities

Zhuoyuan	Yang	China	Student
MEIRONG	ZHOU	China	Student
Zehao	Huang	China	Student
Pengfei	Jing	China	Student
Zican	He	China	Student
Weichao	Ma	China	Student
Luye	Fan	China	Student
Yawen	Lei	China	Student
Liangkun	Deng	China	Student
Shuangjun	Liu	China	Student
Xin	Yan	China	Student
Yongfei	Zhou	China	Student
Shujie	Cheng	China	Student
Guo	Cao	China	Student
Yuxuan	Deng	China	Student
Jiayu	Li	China	Student
Weibo	Liu	China	Student
Jingyi	Niu	China	Student
Faqiang	Wang	China	Student
Hanyuan	Yang	China	Student
Rui	Zhang	China	Student
Sifan	Zhang	China	Student
Meng	Zhao	China	Student
Zhengtao	Zhu	China	Student
Tianyuan	Gu	China	Student
Lingtao	Jin	China	Student
Xie	Lian	China	Student
PengCheng	Zhang	China	Student
Wentong	Hu	China	Student
Kang	Yan	China	Student
Yingfeng	Zhang	China	Student
Yifan	Huang	China	Student
Dongliang	Hu	China	Student
Yulan	Li	China	Student
Feng	Yue	China	Student
Song	Zhang	China	Student
Rui	Huang	China	Student
Jiahe	Liu	China	Student
Xueni	Chen	China	Student
Yang	Liu	China	Student
Mengshuang	Wu	China	Student
Caiqiong	Liu	China	Student

4. Communications

[Website and social networks]


Website	http://swrh.whu.edu.cn/xstd/ygzx/iahr/
Facebook	/
Twitter	/
Instagram	/
Linkedin	/
Other	WeChat subscription (水研珞珈)

[Promotional and information materials]

Newsletter/s	/
Publication/s	/
Other	/

5. Activities

Activity 1

	Name of the activity Academic Paper Writing Seminar
	Dates 2021.03.31
	Objectives To improve students' English academic writing skills
	Description An excellent researcher shared his English writing habits, skills, and mentality

Activity 2


	Name of the activity: The 10th English Academic Poster Contest
	Dates: 2021.04.28
	Objectives: To improve students' ability to present research contents to others by Poster, and to improve their English writing and speaking skills.
	Description: The "English Poster Contest" imitates international academic conferences to provide members with a platform to present scientific research results and promote



2021 Annual Report of Activities

	academic exchanges. It creates a strong academic atmosphere in the college.
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Activity 3

	Name of the activity: General Assembly of IAHR WHU YPN
	Dates: 2021.10.19
	Objectives: To help new members better understand our membership rights and advantages
	Description: New members exchanged and discussed their opinions. The advisors put forward their opinions on the organization of our future activities.

Activity 4

	Name of the activity Academic English writing seminar series – hydrology, hydropower, hydraulic, and water conservancy
	Dates 2021.11.03, 2021.11.11, 2021.11.17, 2021.11.26
	Objectives To improve academic English writing skills and promote academic exchanges
	Description Invite postgraduate national scholarship recipients to share their English academic paper writing experience

Activity 5

	Name of the activity Study Abroad Experience Symposium
	Dates 2021.12.24
	Objectives To communicate study abroad experience and insights
	Description This symposium brought a lot of help to students who have plans to go abroad in the future, and provided students with a quick



	overview of their study abroad life and some guidance, which will help students plan their graduate careers.
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6. Partnerships and collaborations

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7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

We have organized many activities and shared the IAHR lecture information in 2021.

We believe our activities provided a world class international networking platform and great member experience. We also inspired, disseminated and catalysed state-of-the-art knowledge and thinking.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

We encourage our members to enhance academic exchanges and provide a platform for them to communicate with other researchers worldwide.

IAHR Xi'an University of Technology Young Professionals Network

2021 Annual Report of Activities



Xi'an University
of Technology
**Young
Professionals
Network**

IAHR [XUT] Young Professionals Network

2021 Annual Report of Activities

1. Introduction

IAHR Xi'an University of Technology Young Professionals Network (IAHR-XUT-YPN) is an academic organization composed of youth members, which was officially established on June 5, 2018. It is the ninth university in China to establish YPN. The number of registered members has reached 43, mainly PhD and master students and teachers from the Xi'an University of Technology, and the majors included are mainly hydraulics and river dynamics, hydrology and water resources, environmental engineering, etc. The establishment of the IAHR-XUT-YPN has received great attention and support from Xi'an University of Technology, which has also provided convenient conditions for the development of the association. With the international communication platform of IAHR, we make reasonable use of our technical and scientific research advantages, uphold and carry forward the scientific research spirit of Xi'an University of Technology, pay close attention to the scientific and practical problems of prospective and fundamental nature in the development of water resources and environmental engineering, and carry out various activities extensively, such as: holding academic lectures and academic salons; carrying out lectures of the doctoral supervisors and outdoor large scale water resources engineering investigation and practice; actively participate in domestic and international conferences, as well as interaction with other universities, and research institutes to fully promote the exchange and discussion of association members in the field of water resources engineering, civil engineering and other disciplines.

2. 2021 main goal and key objectives

In the context of the COVID-19, the main objectives of the IAHR-XUT-YPN 2021 are: (a) to develop water professionals with research and innovation skills; (b) to actively organize the sharing of research results and learning experiences among members within the school; and (c) to actively participate in online international academic conferences through the Internet.

(a) Commitment to the development of water professionals with research and innovation skills: based on IAHR and school resources, and with the development of research and innovation skills as the starting point, different seminars are held on different specialties and activity formats.

(b) Within the scope of the school, actively organize members to share research results and exchange learning experiences: the association regularly holds relaxed and diverse academic salon activities within its members to promote communication among them and share their academic experiences with each other in order to promote common progress.


(c) Actively participate in online international academic conferences through the Internet: through participation in international conferences, we improve members' knowledge

accumulation, increase the academic influence of IAHR-XUT-YPN at home and abroad, and promote young members to the international academic stage.

3. Composition

Officers


President

		<p>Donglai LI</p> <p>Ph.D. Candidate (2020)</p> <p>E-mail: donglai.li2017@outlook.com</p> <p>Tel: +86 18829027438</p>
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Vice President

		<p>Guangzhao CHEN</p> <p>Ph.D. Candidate (2021)</p> <p>E-mail: 1210410028@stu.xaut.edu.cn</p> <p>Tel: +86 17729389864</p>
		<p>Xinghua WANG</p> <p>Ph.D. Candidate (2021)</p> <p>E-mail: Wxh2180420077@outlook.com</p> <p>Tel: +86 13201785609</p>


Advisor

		<p>Jingming HOU</p> <p>Professor</p> <p>E-mail: jingming.hou@xaut.edu.cn</p> <p>Tel: +86 15809283371</p>
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Secretary General

		<p>Xinyi LI Ph.D. Candidate (2020) E-mail: 18894310169@163.com Tel: +86 18894310169</p>
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Secretary General

		<p>Jiahao LV Ph.D. Candidate (2021) E-mail: 1278634698@qq.com Tel: +86 19929932672</p>
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List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Bingyao	LI	China	student
Na	WANG	China	student
Yongde	KANG	China	student
Yongyong	MA	China	student
Lu	YANG	China	student
Xuan	LI	China	student
Zhanpeng	PAN	China	student
Donglai	LI	China	student
Xinyi	LI	China	student
Xuan	NAN	China	student
Xinghua	WANG	China	student
Guangzhao	CHEN	China	student
Jiahao	LV	China	student
Nie	ZHOU	China	student
Yingen	DU	China	student
Changhao	LI	China	student
Minpeng	GUO	China	student
Jiahui	GONG	China	student
Yurong	ZHANG	China	student
Xu	LI	China	student
Junhui	WANG	China	student
Yaxing	JI	China	student

Zhao	TANG	China	student
Yu	WANG	China	student
Xin	MA	China	student
Gangxue	LUAN	China	student
Simin	ZHOU	China	student
Ye	ZHANG	China	student
Wenqing	ZHANG	China	student
Zhixing	LI	China	student
Xuedong	WANG	China	student
Meijun	DONG	China	student
Minghui	LI	China	student
Yalun	YIN	China	student
Xin	LIANG	China	student
Xinxin	PAN	China	student
Wenyu	LI	China	student
Xianling	QIAO	China	student
Fan	ZHANG	China	student
Rongbin	ZHANG	China	student
Xinze	WANG	China	student
Tengfei	SHEN	China	student
Shen	YANG	China	student

4. Communications

[Website and social networks]

Website	/
Facebook	/
Twitter	/
Instagram	/
Linkedin	/
Other	/


[Promotional and information materials]

Newsletter/s	/
Publication/s	/
Other	/

5. Activities

[Activities organised in 2021] [Please also attach pictures a separate .JPG files]


Activity 1

	Name of the activity Experience communication meeting on studying abroad
	Dates 10.14.2020
	Objectives Understanding the process and matters need attention for studying abroad
	Description Sharing study abroad application process and life experience

Activity 2

	Name of the activity The 1st IAHR-YPN Annual Conference
	Dates 11.17.2020
	Objectives Studying recent national and international research results and to increase knowledge of the subject of water resources
	Description Participating members carefully studied the cutting-edge research results of water resources through online, and discussed with each other

Activity 3

	Name of the activity Academic salon
	Dates 9.20.2021
	Objectives Sharing recent research results and exchange learning experiences
	Description Participating members share their recent research results and discuss with each other

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
/	/

Collaboration with other YPNs

YPN name	Description of collaboration
/	/

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

By organizing members to share research results and exchange learning experiences, and participating in online international academic conferences, we are implementing the strategic plan of providing a world-class international communication platform. Besides, we are able to make a global voice on behalf of the water and environmental engineering industry and research community. Based on the resources of IAHR and the university, and with the aim of fostering scientific research and innovation, we will hold different symposiums for different specialties in order to realize IAHR's vision and strategic plan of stimulating, disseminating and promoting the most advanced knowledge and ideas.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

IAHR-XUT-YPN is subordinate to IAHR and does not assume any administrative functions. The activities of the association are led by the IAHR, which is committed to uniting young scientific talents of our university, expanding the vision of our members, improving their scientific and technological innovation ability and international communication, and promoting them to the international academic stage. It is also able to further raise the influence and popularity of IAHR and contribute wisdom to realize solutions for a better future.

IAHR Yonsei University of TechnologyYoung Professionals Network

2021 Annual Report of Activities



[Please replace with your YPN logo (if you have not received it please contact the IAHR Project Assistant Intern at amparo.sanchez@iahr.org)]

IAHR Yonsei University Young Professionals Network

2021 Annual Report of Activities

1. Introduction

Yonsei University Young Professionals Network pursues to connect the knowledge of water resources issues between sociological, scientific, and engineering parts. We seek to understand the sustainable management of water resources and water-related disasters. We develop and utilize a range of numerical models including land surface-terrestrial biosphere models and watershed-scale hydrologic models together with data from both ground-based and remotely sensed measurements.

Align with the main objective of IAHR YPN, we deem to count the importance of building a young professional's relationship. As a group studying sustainable management of water resources, we actively share the research ideas to strengthen a young professional's ties not only interacting inside but also with other YPNs in the Republic of Korea, Korea University YPN (KU-YPN), Seoul National University YPN (SNU YPN).

2. 2021 main goal and key objectives

The main goal of the activity of this year is to have an active interaction with other YPN networks in the Republic of Korea, KU-YPN and SNU-YPN. We have a keen membership to enhance our young professional's network. Currently, we are having a periodic meeting to interact our thoughts and plans to enhance the community goal. There are three main key objectives that we are focusing on.

Key objectives

- Sharing recent research ideas
- Interacting with professionals
- Strengthening a young professional community

[Please replace with your YPN logo (if you have not received it please contact the IAHR Project Assistant Intern at amparo.sanchez@iahr.org)]

3. Composition

Officers

President

Yeri	Kim
------	-----

Vice President

Manas	Ranjan Panda
-------	--------------

Advisor

Yeonjoo	Kim
---------	-----

[Please add as many officers as needed]

List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Hocheol	Seo	Republic of Korea	Student
Haewon	Chi	Republic of Korea	Student
Suyeon	Choi	Republic of Korea	Student

4. Communications

[Website and social networks]

Website	http://hecl.yonsei.ac.kr/
Facebook	
Twitter	
Instagram	
Linkedin	
Other	

[Promotional and information materials]

Newsletter/s	
Publication/s	
Other	

[Please replace with your YPN logo (if you have not received it please contact the IAHR Project Assistant Intern at amparo.sanchez@iahr.org)]

5. Activities

[Activities organised in 2021] [Please also attach pictures a separate .JPG files]

Activity 1

	Name of the activity
	Seminar by Prof. Yong Sung Park
	Dates
	2021.04.28
	Objectives
	Delivering seminar of hydraulic engineering
	Description
	Seminar about theory and measurement of bottom shear forces in rivers and shores

Activity 2

	Name of the activity
	IAHR YPN Korea meeting
	Dates
	2021.07.20
	Objectives
	Sharing YPN's activities
	Description
	Sharing individual activities and plan Planning YPN Korea team

Have you organised any activities to promote membership? If yes, please include them

[Please replace with your YPN logo (if you have not received it please contact the IAHR Project Assistant Intern at amparo.sanchez@iahr.org)]

6. Partnerships and collaborations

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership
Seoul National University	Yonsei University YPN and SNU-YPN
Korea University	Yonsei University YPN and KU-YPN

Collaboration with other YPNs

YPN name	Description of collaboration
Seoul National University	IAHR YPN Korea meeting and seminar by prof. Yong Sung Park
Korea University	IAHR YPN Korea meeting

7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

The mission of IAHR is to build an international community of researchers in water science and engineering. Our activities in 2021 have contributed to explore the knowledge on water related issues together with the interaction between land-atmosphere in science and engineering. We had a YPN meeting to follow up individual's research topics and status. To have interactive connection with other YPNs, Yonsei University YPN, KU-YPN, and SNU-YPN had a collaboration by taking seminar led by prof. Yong Sung Park. These activities are following by the IAHR YPN idea of boosting knowledge through the network of expertise.

7.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

The one of the high-level aims of IAHR YPN is to provide a world-class international networking platform and great member experience. To inspire, disseminate, and catalyse state-of-the-art knowledge and thinking, Yonsei YPN has been actively researching up-to-date water related issues. Particularly, we are exploring the land-biosphere-atmosphere interactions, droughts and extreme hydroclimate events under changing climate.