

IAHR Yonsei University Young Professionals Network

2023 Annual Report of
Activities



**Young
Professionals
Network**

Hosted by
Spain Water and IWHR, China

1. Our vision and mission

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.

In line with the primary goal of the IAHR YPN, we emphasize the importance of fostering relationships among young professionals. As a collective focused on the sustainable management of water resources, we actively exchange research ideas to fortify the connections among young professionals. Beyond our internal interactions, we also conduct joint workshops with the Hong Kong University of Science and Technology (HKUST), further enhancing the sharing of research insights and strengthening the ties within our professional community. We also attended the 40TH IAHR WORLD CONGRESS in Vienna, Austria in 2023 and had the opportunity to connect with YPNs from different countries.

2. Main goals and key objectives in 2023


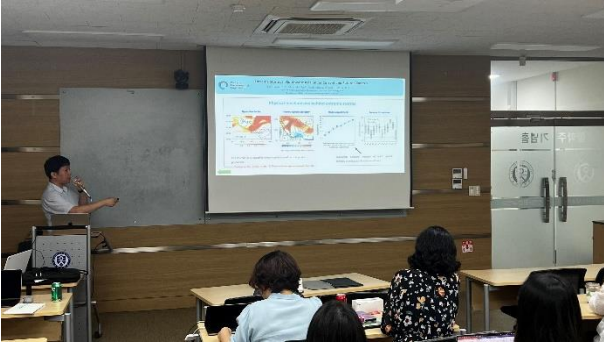

The main purpose of this year's activities is to connect with YPNs from different countries. We have a keen membership to enhance our young professional network. We organized a joint workshop with HKUST and attended IAHR to connect with YPNs from around the world. Currently, we are having a periodic meeting to discuss our thoughts and plans to enhance the community goal. There are three main key objectives that we are focusing on.

Key objectives


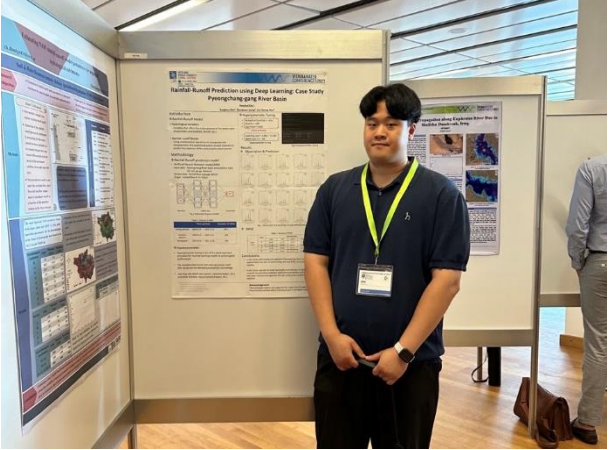

- 1) Sharing recent research ideas
- 2) Interacting with professionals
- 3) Strengthening a young professional community

3. Activities in 2023

Activity 1


<p>[Picture]</p> 	[Title of the activity]
	YSU – HKUST Joint Workshop
	Date
	23 JUNE 2023
	Venue
	Yonsei University, Seoul, South Korea
	Objectives
	Sharing of members' personal research interests
	Description
	<ul style="list-style-type: none">- Presentation by Ph.D. Choi: Extreme Storms in Southwest Asia under Current and Future Climates- YSU and HKUST members gave presentations on their research

Activity 2

[Picture]	[Title of the activity]
	Visit 40 TH IAHR WORLD CONGRESS VIENNA-AUSTRIA
	Date
	21-25 AUGUST 2023
	Venue
	Austria Center Vienna, Vienna, Austria
	Objectives
	Presenting posters and Attending conferences
	Description
	<ul style="list-style-type: none">- Presentation by Heechul: Rainfall-Runoff Prediction based on Deep Learning Technique: A Case Study Pyeongchang-gang River Basin, South Korea

Activity 2

[Picture]	[Title of the activity]
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	Monthly meeting of Yonsei University YPN
	Date
	30 OCTOBER 2023
	Venue
	Yonsei University, Seoul, South Korea
Objectives	
Sharing individual research progress and ideas	
Description	
<ul style="list-style-type: none">- Shared individual research and plans- Exchanged opinions and ideas	

4. Partnerships and collaborations

4.1 Partnerships

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

4.2 Collaboration with other YPNs

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

5. Communication channels

Website: <http://hecl.yonsei.ac.kr/>

Facebook:

Twitter:

Instagram:

Linkedin:

Newsletter/s:

Other: