

[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

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3. Composition

Officers

President

Yeri	Kim
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Vice President

Manas	Ranjan Panda
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Advisor

Yeonjoo	Kim
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[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	

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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

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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.