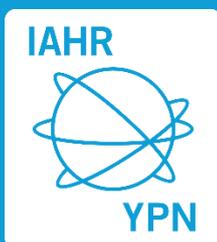


# IAHR Yonsei University Young Professionals Network

2024 Annual Report of  
Activities

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**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 strengthen connections among young professionals. In 2024, we expanded our international engagement by attending AOGS 2024 in PyeongChang, South Korea, where we actively interacted with researchers and young professionals from diverse countries and disciplines. In addition, Prof. Philippe Gourbesville, President of the IAHR Council, visited Yonsei University and delivered a seminar, providing valuable insights into global water resources challenges and the role of young professionals within the IAHR community. These activities further reinforced our international network and promoted meaningful academic exchange.

## 2. Main goals and key objectives in 2023

The main purpose of this year's activities is to strengthen connections with YPNs from different countries and to expand international collaboration among young professionals. We maintained active membership engagement to further enhance our professional network. In 2024, we participated in Asia Oceania Geosciences Society (AOGS) 2024 in PyeongChang, providing opportunities to interact with YPN members and

early-career researchers from diverse regions. In addition, we organized academic exchange activities, including an invited seminar by the International Association for Hydro-Environment Engineering and Research (IAHR) Council President at Yonsei University, which facilitated discussions on global water challenges and the role of young professionals.

Currently, we hold regular meetings to share ideas, reflect on past activities, and plan future initiatives aimed at strengthening the YPN community. Based on these efforts, we have identified three key objectives that guide our activities.

#### 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>  | <p><b>[Title of the activity]</b><br/>AOGS 2024</p>  |
|   | <p><b>Date</b><br/>JUNE 2024</p>   |
|   | <p><b>Venue</b><br/>Pyeongchang,<br/>South Korea</p>   |
|   | <p><b>Objectives</b></p> <ul style="list-style-type: none"><li>- To share research outcomes through oral presentations and engage in international academic exchange</li></ul>   |
|   | <p><b>Description</b></p> <ul style="list-style-type: none"><li>- Oral presentation by Guhyup Kang: <i>Assessing drought propagation in the Yeongsan River Basin using WRF-Hydro</i> at Asia Oceania Geosciences Society (AOGS) 2024, followed by active academic exchange and networking with young professionals from diverse countries.</li></ul> |

## Activity 2

[Picture]



### [Title of the activity]

Visit of  
Prof. Philippe Gourbesville

### Date

8 AUGUST 2024

### Venue

Yonsei University, Seoul,  
South Korea

### Objectives

- To gain insights into global water resources challenges and IAHR perspectives
- To understand the role of Young Professionals within the IAHR community



## Description

- Invited seminar by Philippe Gourbesville, President of the IAHR Council
- Interactive exchange with young professionals on research, collaboration, and career development within the IAHR network

### Activity 3

|  |   |
|--|---|
| <p>[Picture]</p>  | <p><b>[Title of the activity]</b></p> <p>Monthly meeting of Yonsei University YPN</p>   |
|  | <p><b>Date</b></p> <p>30 OCTOBER 2024</p>   |
|  | <p><b>Venue</b></p> <p>Yonsei University, Seoul, South Korea</p>  |
|  | <p><b>Objectives</b></p> <p>Sharing individual research progress and ideas</p>  |
|  | <p><b>Description</b></p> <ul style="list-style-type: none"><li>- Shared individual research and plans</li><li>- Exchanged opinions and ideas</li></ul> |

## 4. Partnerships and collaborations

### 4.1 Partnerships

| <b>Organization</b>       | <b>Description of partnership</b> |
|---------------------------|-----------------------------------|
| Korea University          | Yonsei University YPN and KU-YPN  |
| Seoul National University | Yonsei University YPN and SNU-YPN |

### 4.2 Collaboration with other YPNs

| <b>Organization</b>       | <b>Description of partnership</b> |
|---------------------------|-----------------------------------|
| 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: