

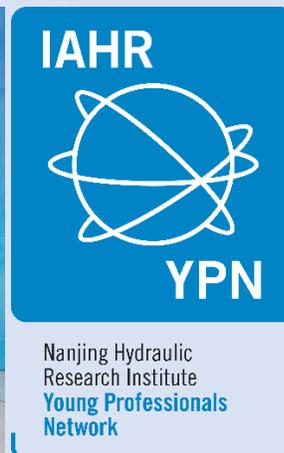
IAHR Nanjing Hydraulic Research Institute Young Professionals Network

Our vision and mission

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 226 by 2024. The daily activities of the IAHR-NHRI-YPN are organized and managed by the executive committee. The executive committee includes 1 president, 2 vice-president, and 6 executive members.

In 2024, YPN completed a lot of work and achieved good results. We have organized more academic activities for students and enhanced academic exchanges among members. It is the goal of the new Executive Committee to enhance everyone's knowledge and feelings by strengthening exchanges. We encourage our YPN members to participate in more domestic and international academic conferences to cultivate and improve their academic abilities. Through attending these conferences, members can expand their knowledge, gain new insights, and establish connections with scholars and professionals from different fields. This will not only enhance their academic skills but also provide opportunities for collaboration and future career development.



Main goals and key objectives

In 2024, YPN faces many new challenges. Its main tasks include (a) the production of recruitment publicity, (b) the change of the executive committee, (c) volunteer activity, (d) participating in academic competitions and (e) participating in the doctoral academic forum.

(a)&(b) In September 2024, the recruitment of new members of this year was carried out, and 28 new members were received this year through propaganda, poster posting, online publicity and other means. At present, the total number of YPN members in our institute is 226.

(c) YPN encourages our members to engage in volunteer activities that complement their academic pursuits. The aim is to foster a community of service-minded scholars who are committed to making a positive impact both within the academic community and in wider society. These volunteer opportunities not only contribute to personal and professional development but also help build a sense of camaraderie and shared purpose among student members.

(d) Active participation in academic competitions is a key endeavor for YPN, providing student members with platforms to challenge themselves and showcase their research skills. The goal is to promote a competitive yet collaborative environment where students can exchange ideas, stay updated on the latest research trends, and gain recognition for their academic achievements. Participating in these competitions serve as a valuable experience for students to refine their research methodologies and presentation skills.

(e) YPN Doctoral Academic Forum is specifically designed to support the research activities of doctoral students. The forum serves as a platform for these students to present their research, engage in scholarly discourse, and seek feedback from peers and experts alike. The purpose is to enhance the doctoral journey by offering a supportive network, fostering interdisciplinary connections, and promoting academic excellence. Through the forum, YPN aims to assist doctoral students in achieving their research goals and preparing for their future academic careers.



2024 Main goals and key objectives

Activities during this year

- **Name:** Water Conservation Science Popularization
- **Date:** March, 2024
- **Venue:** Nan Jing, China
- **Objectives:** The objective of the event is to educate and guide primary school students to cherish and protect water resources
- **Description:**
During World Water Day 2024, NHRI-YPN members began to popularize science through specific data and examples, making primary school students aware of China's water shortage and the need to save water, also organized students to participate in water purification experiments and interesting water knowledge quiz activities.



水知识问答

7. 下列有关自来水形成过程, 排序正确的是 (D)

A. 絮凝、过滤、沉淀、消毒
B. 过滤、絮凝、沉淀、消毒
C. 过滤、沉淀、絮凝、消毒
D. 絮凝、沉淀、过滤、消毒

解析

自来水形成过程

絮凝	沉淀	过滤	消毒
往原水中加入絮凝剂, 使水中的悬浮物相互聚集成大的颗粒, 方便从水中分离、沉淀。	絮凝得到的絮状物靠重力从水中沉淀下来, 沉淀后的水含有更少的杂质。	利用过滤材料对水进行逐层过滤, 去除水中剩余小颗粒、杂质。	使用氯气或二氧化氯等对过滤后的水进行消毒, 保证水质达到饮用标准。

- **Name:** Academic report on the theme of China Water Week
- **Date:** March, 2024
- **Venue:** Nan Jing, China
- **Objectives:** Promoting discussion and exchange on water conservancy
- **Description:**
On March 21, 2024, with the theme of "Use water resources carefully and manage water resources strictly and carefully" during China Water Week, NHRI-YPN invited Senior Engineer Dai Jiangyu and doctoral students to give academic lectures and reports, which were conducted simultaneously online and offline. The reports condensed and reflected the important role played by scientific researchers in protecting and developing water resources, and reflected the important connotation of protecting and developing water resources.



- **Name:** NHRI-YPN participated in Water Science Popularization Competition
- **Date:** June 2024
- **Venue:** Nan Jing, China
- **Objectives:** The objective of the event is to enhance knowledge and awareness about the ecological aspects of water engineering projects.
- **Description:**
On June 3, 2024, Nanjing Hydraulic Research Institute held the 2nd Water Science Popularization Competition. Based



on scientific theories and their practice in work, many NHRI-YPN members participated in the competition, among which Li Qinyuan and Yuan Xiaoqi won the second and third prizes respectively.



- **Name:** Low Carbon Ride of China Water Week
- **Date:** March, 2024
- **Venue:** Nan Jing, China
- **Objectives:** The activity aims to encourage postgraduates to participate in water resource protection with practical actions.
- **Description:**
On March 23, 2024, during China Water Week, NHRI-YPN organized a low-carbon cycling event in Nanjing's Jiangxinzhou area under the theme "Cycling by the River." Participants cycled along the riverside route, which featured four checkpoints. The task required collecting stamps from all four checkpoints and successfully reaching the finish line. The event drew participants including students from NHRI and Hohai University, as well as cycling enthusiasts from across the community.



- **Name:** China Water Week Theme Photography Exhibition
- **Date:** March 2024
- **Venue:** Nan Jing, China
- **Objectives:** The objective of the event is to enhance public awareness of water conservation, appreciation, protection
- **Description:**
During China Water Week 2024, NHRI-YPN organised a photography exhibition on the theme of 'The Beauty of Water: Recorded and Cherished', with four sub-themes: 'Natural Water Scenery', 'Water and Life', 'Water Conservation' and 'Hydraulic Structures'. There are four sub-themes: 'Natural Water Scenery', 'Water and Life', 'Water Resource Protection' and 'Hydraulic Buildings'. The exhibition was open to all postgraduate students of the university to collect photographic works. A total of 206 submissions were received and 399 valid votes were collected. One first prize, two second prizes and three third prizes were selected according to the votes of each sub-theme.



- **Name:** The 3rd IAHR-YPN Doctoral Student Forum
- **Date:** April 2024
- **Venue:** Bei Jing, China
- **Objectives:** The objective of the event is to enhance knowledge and awareness about the ecological aspects of water engineering projects.
- **Description:**
From April 13 to 14, 2024, the 3rd IAHR-YPN Doctoral Student Forum were successfully held in Beijing. Seven members of NHRI-YPN participated in the forum and achieved excellent results, winning 2 second prizes and 2 third prizes.





- **Name:** NHRI-YPN participated in Organizing the first Badminton Competition of NHRI Graduate School
- **Date:** March 2024
- **Venue:** Nan Jing, China
- **Objectives:** The objective of the event is to enhance NHRI-YPN members' physical fitness and enrich extracurricular activities.
- **Description:**

On March 30, 2024, NHRI-YPN participated in organizing the first badminton competition of the Graduate School of Nanjing Hydraulic Research Institute, which attracted more than 60 people including NHRI-YPN members to sign up for the competition, promoting exchanges between students from different departments and majors.



- **Name:** NHRI-YPN participated in Organizing the first Table Tennis Competition of NHRI Graduate School
- **Date:** May 2024
- **Venue:** Nan Jing, China
- **Objectives:** The objective of the event is to enhance NHRI-YPN members' physical fitness and enrich extracurricular activities.
- **Description:**



From May 25 to 26, 2024, NHRI-YPN participated in organizing the first table tennis competition of the Graduate School of Nanjing Hydraulic Research Institute. The competition was divided into four events: men's singles, women's singles, men's doubles, and women's doubles. It attracted more than 50 people including NHRI-YPN members to sign up for the competition, promoting the physical health of members and enriching their spare time.



- **Name:** Membership Recruitment Campaign
- **Date:** September, 2024
- **Venue:** Nan Jing, China
- **Objectives:** The purpose of this activity is to expand the membership base of YPN, enhance the influence and participation in academic activities of the organization.

- **Description:** In March 2024, the recruitment of new members of this year was carried out. Through publicity, posters and online publicity, a total of 40 new members were received this year. At present, the number of YPN members is 226. At the same time, the executive committee has been replaced.



- **Name:** NHRI-YPN participated in the 6th Yangtze River Delta Region Civil Engineering Graduate Academic Forum
- **Date:** November 2024
- **Venue:** Hang Zhou, China
- **Objectives:** The objective of the event is to provide a platform for civil engineering graduate students in universities in the Yangtze River Delta region to display their academic achievements and exchange academic ideas
- **Description:**
From November 9 to 10, 2024, the 6th Academic Forum and Student Work Salon of Civil Engineering Graduates of Universities in the Yangtze River Delta Region was held at Zhejiang University of Technology. The forum is themed "Forty-five Years of Hard Work, Charting a New Future" and organizes expert academic reports, thematic seminars and student work salons, the current chairman of NHRI-YPN Lu Hongning gave a wonderful report on his research topic.



- **Name:** NHRI-YPN participated in the Taihu International Conference on Water Management
- **Date:** November 2024
- **Venue:** Wu Xi, China
- **Objectives:** This conference is of great significance for promoting scientific and technological research and the transformation of achievements in Taihu Lake governance, popularizing new technologies and products for water management in the basin, and facilitating the development of new quality productivity in the Taihu Lake region.
- **Description:**
NHRI-YPN played a significant role in the volunteer service during this event, undertaking important tasks such as preparing conference materials, receiving and signing in international guests, and guiding participants around the venue. Their outstanding contributions ensured the event's success. The YPN members performed exceptionally well in all their tasks, earning unanimous praise from Academician Hu Ya'an and Professor Philippe, the President of IAHR. Their professional skills and dedication not only guaranteed the smooth running of the event but also enhanced the international reputation of the Nanjing Hydraulic Research Institute, fully demonstrating the charm of young scholars.



Partnerships and collaboration

Partnerships

1. Graduate School of Nanjing Hydraulic Research Institute
2. Hohai University (Cooperative project)
3. Wuhan University (Cooperative project)
4. Sichuan University (Cooperative project)
5. Tianjin University (Cooperative project)

Collaboration with other YPNs, associations or organisations

1. Hohai University YPN (Event cooperation)

Communication channels

Twitter |

Instagram |

Linked In |

Facebook |

WeChat | Official Accounts: 南京水利科学研究院研究生院

Website | https://yjs.nhri.cn/art/2023/10/31/art_3883_73255.html