

IAHR NHRI 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 137 by 2025. The daily activities of the IAHR-NHRI-YPN are organized and managed by the executive committee. The executive committee includes 1 president, 4 vice-president, and 4 executive member.

In 2025, 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.

Main goals and key objectives

In 2025, 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) holding the academic forum.

(a)&(b) In September 2025, the recruitment of new members of this year was carried out, and 34 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 137.

(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.

Activities during this year

- **Name:** "World Water Day & China Water Week" Low-Carbon Cycling Event
- **Date:** March, 2025
- **Venue:** Nan Jing, China
- **Objectives:** The objective of the event is to encourage a green and low-carbon lifestyle among graduate students and to enhance awareness of water resource protection.
- **Description:**

Organized by NHRI-YPN, this event was themed "Water Rhythm Research Road, Cycling Tracks of New Youth." The event attracted graduate students from both NHRI and Hohai University to participate. By combining cycling with environmental advocacy, the activity successfully celebrated World Water Day and China Water Week, promoting health and ecological responsibility among the youth.



- **Name:** "World Water Day & China Water Week" Parent-Child Science Popularization Activity
- **Date:** March 2025
- **Venue:** Nan Jing, China
- **Objectives:** The objective of the event is to raise public awareness of water conservation through interactive education.
- **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 Second Graduate Table Tennis Competition of NHRI
- **Date:** April, 2025
- **Venue:** Nan Jing, China
- **Objectives:** The objective of the event is to enrich the campus cultural life, enhance the physical fitness of graduate students, promote exchanges and cooperation, and cultivate team spirit and fighting consciousness.
- **Description:**

Jointly organized by the Graduate School of NHRI (NHRI-YPN), this event was held in the multi-functional hall of the graduate school. The activity attracted over 40 students and YPN participated in and undertook the publicity work of the activity. It featured a lively



atmosphere and received unanimous praise from the students.

- **Name:** 2025 Academic Annual Conference of the China Society for Hydropower Engineering
- **Date:** June 25-26, 2025
- **Venue:** Nan Jing, China
- **Objectives:** The objective of the event is to promote academic exchange and technical innovation in hydropower engineering, and to discuss the future trends and high-quality development of the hydropower industry.

• **Description:**

The 2025 Academic Annual Conference of the China Society for Hydropower Engineering and Hydropower Development Conference was held in Nanjing. This significant event was undertaken by the Nanjing Hydraulic Research Institute (NHRI). NHRI-YPN played an active role in this event by undertaking essential volunteer service work. The members contributed to the smooth operation of the conference, demonstrating the energetic spirit and professional commitment of the youth network.



- **Name:** The Third "Belt and Road" National Dam Safety Science Popularization Competition
- **Date:** September 15, 2025
- **Venue:** Nan Jing, China
- **Objectives:** The purpose of this activity is to enhance the expression and academic ability of YPN members.
- **Description:**

The competition ended successfully in a warm atmosphere. The experts and contestants who participated in the meeting said that this competition was a successful international exchange and capacity-building activity, which provided a high-level dialogue platform for young water conservancy talents



from all over the world, and effectively promoted knowledge sharing and technical collaboration in the field of water resources safety in the Belt and Road Initiative. Evaluation experts encourage players to turn innovative concepts into practical motivation to jointly meet global water safety challenges.

- **Name:** The 4rd IAHR-YPN Doctoral Student Forum
- **Date:** September 2025
- **Venue:** Da Lian, China
- **Objectives:** The objective of the event is to enhance knowledge and awareness about the ecological aspects of water engineering projects.

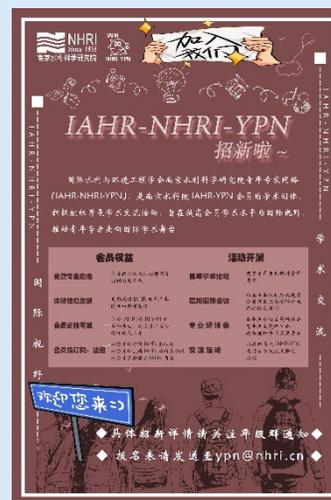
- **Description:**

From September 26 to 28, 2025, the 4rd IAHR-YPN Doctoral Student Forum were successfully held in Dalian. Ten members of NHRI-YPN participated in the forum and achieved excellent results, winning 1 second prizes and 4 third prizes.



- **Name:** Membership Recruitment Campaign
- **Date:** October, 2025
- **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 October 2025, the recruitment of new members of this year was carried out. Through publicity, posters and online publicity, a total of 34 new members were received this year. At present, the number of YPN members is 137. At the same time, the executive committee has been replaced.



- **Name:** NHRI held a staff sports event to celebrate its 90th anniversary.
- **Date:** October, 2025
- **Venue:** Nan Jing, China
- **Objectives:** The objective of the event is to enhance NHRI-YPN members' physical fitness and enrich extracurricular activities.
- **Description:**

On October 10, the 90th anniversary of the establishment of Nanjing Institute of Water Conservancy Science was held in Wutaishan Stadium with the theme of "creating nine ranks of glory together and sharing fun and excitement". More than 1,200 cadres, workers and graduate students gathered together to attend this sports event. More than 600 employees and student representatives drew the "NHRI 90" pattern in the center of the stadium with their bodies as pens and green as scrolls to express their good wishes for the 90th anniversary of the establishment of the hospital!



Name: China Water Conservancy Academic Conference

- **Date:** October 25, 2025
- **Venue:** Nan Jing, China
- **Objectives:** The purpose of this conference is to advance High-Quality Water Conservancy Development for National Water Security
- **Description:**

On October 25, 2025, the China Water Conservancy Academic Conference was held in Nanjing, Jiangsu Province. The conference facilitated multi-faceted and multi-layered exchanges and discussions on water science and technology issues, including the construction of digital twin water systems, playing a significant role in promoting the high-quality development of water conservancy.



- **Name:** International Conference on Water Science for the 50th Anniversary of UNESCO's Hydrological Programme.
- **Date:** October 26, 2025
- **Venue:** Nan Jing, China
- **Objectives:** The theme of this conference is Green Hydrology: A Bridge to Sustainable Development, featuring seven remarkable plenary reports
- **Description:**

The conference focused on four key topics: hydrological observation and experimentation, climate change and the hydrological cycle, flood and drought forecasting, and sustainable water resources development. The YPN was deeply involved, providing volunteer services for international attendees and capturing memorable group photos.



- **Name:** Visit the water conservancy hub
- **Date:** November, 2025
- **Venue:** Nan Jing, China
- **Objectives:** Enhance awareness of important water conservancy projects
- **Description:**

On November 16, 2025, NHRI-YPN assisted in organizing graduate students to visit the water conservancy hub of the Yinjiang River in Taizhou for practical learning. The students visited important components of the project, such as the Gaogang Pump Station, the ship lock, and the dispatching room, gaining a clearer understanding of the project's contributions to water resource allocation, flood control and drainage, transportation, and shipping. The engineering practice was informative and engaging, enriching the students' knowledge and broadening their horizons.



- **Name:** Academic report on the theme of China Water Week
- **Date:** December, 2025
- **Venue:** Nan Jing, China
- **Objectives:** Improve the ability to write academic papers.
- **Description:**

On December 4, 2025, NHRI-YPN successfully held a special lecture on scientific paper writing to enhance the research paper writing skills of graduate students. This training systematically explained the standardized structure and expression techniques of academic papers, effectively aiding graduate students in mastering core writing methods. It is of great significance for improving the quality of scientific research output and strengthening academic standardization awareness.



- **Name:** The Second Jiangsu Graduate Academic Forum in 2025
- **Date:** December, 2025
- **Venue:** Nan Jing, China
- **Objectives:** The aim is to break down the barriers to the dissemination of scientific research achievements and improve the ability of academic communication and popularization of science for graduate students
- **Description:**

From December 12th to 17th, 2025, YPN members actively organized and enthusiastically participated in the second Jiangsu Provincial Graduate Academic Forum and the three-minute academic speech contest held by the Nanjing Hydraulic Research Institute. They achieved excellent results in both the institute-level and provincial-level competitions, and YPN members even won the Excellent



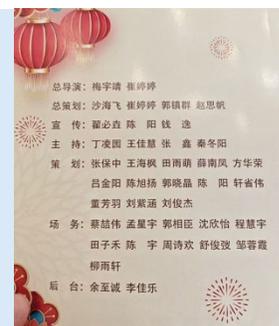
Presentation Award in the provincial competition. Through this event, students transformed obscure professional terminology into language that the public could understand, enhancing their scientific research expression ability and core competitiveness in the workplace.



- **Name:** Chinese Postgraduate Mathematical Modeling Contest in 2025
- **Date:** December, 2025
- **Venue:** Xu Zhou, China
- **Objectives:** Comprehensively enhance postgraduates' comprehensive literacy, practical capabilities and innovative thinking
- **Description:**
In the 22nd Huawei Cup China Graduate Data Modeling Competition held in December 2025, members of NHRI-YPN actively participated and achieved excellent results. Among them, YPN members won the national first prize. During the competition, students fully improved their practical abilities and innovative thinking.



- **Name:** New Year celebration of Nanjing Hydraulic Research Institute
- **Date:** December, 2025
- **Venue:** Nan Jing, China
- **Objectives:** This event aims to organize performances to celebrate the arrival of the New Year in 2026.
- **Description:**



As the New Year of 2026 approached, members of NHRI-YPN participated in planning the New Year's Eve celebration and organized a multilingual singing program, including Chinese, English, Russian, Korean, Thai, Spanish, and French. The event fostered an academic atmosphere as we collectively welcomed the new year.



Partnerships and collaboration

Partnerships

Collaboration with other YPNs, associations or organisations

Communication channels

Twitter |
Instagram |
Linked In |
Facebook |
WeChat |
Website |