

IAHR Sichuan University Young Professionals Network

Our vision and mission

Established in 2003, IAHR Sichuan University Chapter is one of the student chapters of IAHR Association, aiming to provide teachers and students of Sichuan University with cutting-edge information in the specialised fields of river and ocean dynamics, water resources development, ecological hydraulics, ice engineering, and water informatics.

IAHR Sichuan University Chapter attracts new members every year by carrying out orientation activities, with the aim of encouraging postgraduates to devote themselves to the activities of the society in addition to completing their own scientific research tasks, and encouraging and supporting members to participate in international academic activities in the fields of hydraulics, water environment and other fields, and expanding their professional knowledge of water conservancy. The group will do a good job of communicating meetings, international conferences live notification and other information to enhance the international perspective of students.

Main goals and key objectives

- ① Encourage and support members to participate in international academic activities in the fields of hydraulics, water environment, etc., to expand their professional knowledge of water resources.
- ② Promote contacts with other water resources institutions and international water resources organisations to broaden members' horizons. Actively discuss and exchange ideas with other schools in the PhD Forum, and make progress together for the purpose of boosting the development of the association.
- ③ Provide an international platform for members. Encourage members to actively participate in the side meetings of the 24th Asia-Pacific Regional Conference to improve personal writing skills and expand communication to enhance professionalism.
- ④ Help members' future career development. By joining Chuan University IAHR Youth Chapter, you can get timely information about the industry's frontiers, get in touch with relevant conference notices, and participate in a wide range of professional development.

Activities during this year

Activity 1

- Name: The 3rd International Symposium of Water Disaster Mitigation and Water Environment Regulation, WDWE2023**
- Date: 15-17, December 2023**
- Venue: Chengdu, Sichuan Province**
- Objectives: The Association assisted in organising the Third International Conference on Water Hazard Prevention and Control and Water Environment Regulation, in which delegates, teachers and students carried out extensive exchanges on the evolution and functional protection of rivers, ecological restoration and governance of river basins, water hazard prevention and risk prevention and control, and advances in the frontiers of water science and technology.**
- Description: Members of the association actively participated in the organisation and arrangement of the conference site, while listening to the conference report and understanding the professional academic front. For the students of the Association to create a good academic atmosphere, providing many opportunities to contact the academic frontier.**



Activity 2

- **Name:** The 2nd IAHR International Workshop on Scour around Hydraulic and Coastal Structures
- **Date:** 20-23, May 2024
- **Venue:** Chengdu, Sichuan Province
- **Objectives:** The conference aims to strengthen the international exchange and cooperation between universities and research institutes at home and abroad in the research of scour theory and engineering application, and to promote the high-quality innovation and development in the field of global water conservancy and coastal engineering.
- **Description:** The opening ceremony of the conference was presided over by the executive chairman of the conference, vice-chairman of IAHR Scour Research Working Group and researcher Wang Lu of Sichuan University, while the conference chairman and vice president of Sichuan University, Liu Chao, delivered a welcome speech, and the president of IAHR, Prof Philippe Gourbesville, delivered an opening speech via video. In his speech, Vice President Liu Chao said that foundation scour is an important factor affecting the structural stability of water conservancy and coastal engineering, and related research can provide scientific basis and technical support for the safe design, construction, operation and maintenance of water conservancy and coastal engineering. More than 120 scholars from 45 universities and research institutes in 10 countries and regions, including China, the United States, the United Kingdom, New Zealand, Denmark, Switzerland,



Singapore and Turkey, participated in the conference.

Activity 3

- **Name:** 24th IAHR-APD Congress
- **Date:** 14-17, October 2024
- **Venue:** Wuhan, Hubei Province
- **Objectives:** The YPN of Sichuan University and the General Assembly jointly organised the Youth Section of the 24th Asia-Pacific Congress: How to Write a Good Journal Paper.
- **Description:** The event was characterised by a non-traditional lecture mode, but was more focused and interactive, with young people elaborating on their articles on the day of the conference, after which the editorial board critiqued them from the perspective of journal publication, to enhance international perspectives and overall personal competence.



Activity 4

- **Name:** The 3rd IAHR-YPN Doctoral Forum
- **Date:** 13-14, April 2024
- **Venue:** Beijing, China
- **Objectives:** The forum aims to provide a space and platform for postgraduate groups of water science related majors to exchange academic ideas, transfer scientific research experience, and enhance mutual friendship. It is mainly based on postgraduate academic reports, supplemented by guest reports, career development counseling lectures, and interviews and dialogues with water scholars, so as to broaden postgraduates' academic horizons,



cultivate their innovative abilities, and stimulate their academic passions. At the same time, it demonstrates the current frontier progress in the field of water conservancy engineering and promotes cross-discipline.

- **Description:** The forum was hosted by the Graduate School of Tsinghua University, the Department of Water Resources and the Graduate Students' Association of Tsinghua University, undertaken by the Graduate Students' Branch of the Department of Water Resources of Tsinghua University, and co-sponsored by Guolian Securities. With the theme of 'Water as a Ruler - Starting a New Chapter of High-Quality Development', the forum set up one main venue and six sub-venues with 12 thematic directions, and set up employment micro-salons and poster forums to promote academic exchanges. Postgraduate students from 43 universities and research institutes, including 10 Young People's Programmes (YPN) units in China, were invited to participate in this forum.

Partnerships and collaboration

Partnerships

Organisation	Description of partnership
China Institute of Water Resources and Hydropower Research	Conduct academic exchanges
IAHR-THU-YPN	Conduct academic exchanges
IAHR-XUT-YPN	Conduct academic exchanges

Collaboration with other YPNs

Participated in the 3rd IAHR-YPN Doctoral Forum, organized by the YPN of Qinghua University.

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International Association
for Hydro-Environment
Engineering and Research

Hosted by
Spain Water and IWHR, China



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