

**The 5<sup>th</sup> IAHS-ICWQ Workshop**  
**Flood-Drought Disaster Chain and Water Ecological  
Degradation in the Changing Environment**

**Date:** December 1<sup>st</sup> -3<sup>rd</sup>, 2023

**Language:** English

**Venue:** Grand Nest Hotel, No. 11 Tangqi Road, Tangjiawan, Xiangzhou  
District, Zhuhai City, Guangdong Province, China

**Host**

International Commission of Water Quality (ICWQ) of International  
Association of Hydrological Sciences (IAHS)

**Organizer**

Guangdong Engineering Technology Research Center of Water Security  
Regulation and Control for Southern China

School of Civil Engineering, Sun Yat-sen University

Research Center for Water Resources and Environment, Sun Yat-sen University

Guangzhou Fengzeyuan Water Science and Technology Co. Ltd.

Guangdong Hydraulic Engineering Society

**Funding**

Specific Project on Disaster Prevention and Control, National Key Research  
and Development Program of China (2021YFC3001000)

National Natural Science Foundation of China (U1911204)

## **Topics (not limited to)**

1. Intelligent monitoring of hydrology and water ecology for early perception of water risk
2. Extreme storm and non-point source pollution in the changing environment
3. Flood-drought-aquatic ecology modeling and risk early warning
4. Prediction of drought-flood alternation and flood-drought disaster chain
5. Water ecological responses to human activities and climate change
6. Storm surge - heavy rain - flood - waterlogging - ecological degradation "multi-encounter" and its derivative disaster occurrence
7. Simulation, prediction and assessment of flood and drought disasters and their derivative composite disasters
8. Restoration and governance of water ecological degradation

## **Schedule**

December 1<sup>st</sup>, 2023, check in

December 2<sup>nd</sup> -3<sup>rd</sup>, 2023, academic presentations

## **Fees**

Free registration and banquet for the dinner on December 2<sup>nd</sup>

Meal: ¥ 100-150 per day per person

Hotel: ¥ 400-600 for a single room

## **Important Reminder**

Abstract of no more than 300 words should be sent to Prof. LIU Zhiyong [liuzhiy25@mail.sysu.edu.cn](mailto:liuzhiy25@mail.sysu.edu.cn) before November 10<sup>th</sup>, 2023

## **Contacts**

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