

**IAHS-ICWQ International Workshop on
Flood-drought chain disasters and water ecological
degradation in a changing environment**

Date: December 9-12, 2022

Language: English

Venue: Zhuhai Rising Sun Bay Nest Hotel, No. 11 Tangqi Road,
Tangjiawan, Xiangzhou District, Zhuhai City,
Guangdong Province, China

Host:

International Commission of Water Quality (ICWQ) of the
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

Project Support:

National Key R&D Program of China, Special Project of Disaster
Prevention and Control (2021YFC3001000)

National Natural Science Foundation of China (U1911204)

Topics (not limited to):

1. Intelligent monitoring of hydrology and water resources and water ecology for early perception of water risk
2. Extreme evolution of hydrology and water ecology in changing environments
3. Flood-drought-aquatic ecology modeling and risk early warning
4. Flood and drought disasters and drought-flood conversion risks
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 mechanism
7. Simulation, prediction and assessment of flood and drought disasters and their derivative composite disasters
8. Mechanism of water ecological degradation and restoration and governance

Schedule:

December 9, 2022, Check in

December 10-11, 2022, Academic presentations

December 12, 2022, Pearl River estuary expedition

Important Dates:

* Deadline for abstract submission: 20 Nov., 2022.

* Abstract of no more than 300 words should be sent to Dr. Zhiyou Liu
liuzhiy25@mail.sysu.edu.cn

* Workshop reception: 9 Dec., 2022

Contact:

Ms SUN Shanzhen: Tel. 13726845134, email: 18858281@qq.com

Ms LIN Lan: Tel. 13580430576, email: linlan2@mail.sysu.edu.cn