Longqing Zhao

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EDUCATION BACKGROUND

PhD. in School of Water Resources and Hydropower Engineering, Wuhan University 2025-Now
Supervisors: Prof. Jiyun Song
Master in School of Water Resources and Hydropower Engineering, Wuhan University2023-2025
Supervisors: Prof. Xueshan Ai
Bachelor in Hydrology and Water Resources, Northwest A&F University 2019-2023
Supervisors: Prof. Baowen Yan

INTERNATIONAL CONFERENCE

The 9th International Conference on Water Resource and Environment (WRE 2023)；
The 8th China Africa Water Association (CAWA) Conference (2024). Oral presentation title: Research on Short-term Inflow Forecasting Method for Cascade Hydropower Stations in Data-scarce Regions.

RESEARCH EXPERIENCE

Research on Flooding Risks in Wuhan City under Future Land Use Change Scenarios 2025
Water-heat carbon exchange and environmental response mechanisms in Wuhan City 2024
Research on Design Water Levels for Dikes in the Dongting Lake Region and Activation Plans for Flood Storage Areas under the New Flood Control Framework 2024
Research on Key Technologies for Multi-dimensional Compensation Dispatch of Hongshui River Cascade Power Stations under High Proportion of New Energy 2023-2024
Study on the Variation Law of Water Consumption Rate of Cascade Power Stations under Different Conditions 2023-2024

PUBLICATIONS

Longqing Zhao, et al. Short-term Inflow Forecasting Technology and Application for Cascade Reservoirs. Journal of China Hydrology,2025,45(03):9-16.DOI:10.19797/j.cnki.1000-0852.20240272.
A device for determining the water level height of a stepped reservoir 202411294834.8[P].2024-12-17.

SKILLS

Software: MATLAB, Python, ArcGIS, CAD
Language: Chinese (native), English (CET-4：554；CET-6：430)