



张登

ZHANG Deng



Personal Information

University: Wuhan University

Major: Hydrology and Water

Resources

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Personal Skills

English Proficiency Level: CET-6

Software Skill: ArcGIS, Matlab, ENVI, CAD, etc

Educational Background

2018.09-2022.06 Bachelor Northwest A&F University

Ranking: 2/57

GPA: 3.87/4

National Scholarship once, National Motivational Scholarship twice, Professional Scholarship four times

2022.09-2024.06 Master Wuhan University

Outstanding New Graduate Student Scholarship

11 out of 14 courses graded A- or above

2024.09 to present PhD Wuhan University

Scientific Research

2024.01 to present

Fine-scale urban meteorological information mapping with machine learning, such as temperature, humidity and wind, investigation and mitigation of urban heat island, monitoring and research of urban carbon flux

2022.09 to 2023.12

Medium- and long-term runoff prediction in the Jinsha River basin: responsible for the evaluation of the accuracy of subseasonal meteorological prediction products, bias correction, hydrological model construction and calibration, and subseasonal runoff prediction by combining meteorology and hydrology

2022.02-2022.06

Evaluating the simulation accuracy of the dynamical downscaling data TPRanalysis and the reanalysis data ERA5 and ERA5-land for short-term extreme precipitation on the Tibetan Plateau, the results of the study were awarded as Outstanding Diploma Thesis

Research Skill

- Mastery of Matlab, Python programming languages
- Construction and parameter calibration of SWAT model
- Proficient in the use of office, as well as ArcGIS, CAD
- Independent problem solving skills